

19990120.qrp v01_n342.qrl.990120

Date: Wed, 20 Jan 1999 19:03:24 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1342

QRP-L Digest 1342

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- 1) [30237] Re: [Gentleman's agreements... AND QRP (was CW...the death...)]
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- 2) [30238] Re: [Re: Gentleman's agreements... AND QRP (was CW...the death...)]
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- 3) [30239] An idiots life
by Brad Mugleston <bmug@gwl.com>
- 4) [30240] Considerate Operator's Frequency Guide
by mike1@urbancom.net (Dinelli, Michael)
- 5) [30241] Demaw Book
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by Joe Everhart <n2cx@voicenet.com>
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by Dick Pascoe <Dick@kanga.demon.co.uk>
- 9) [30245] FOX N2SMH
by Tom Palmer <n1tp@worldnet.att.net>
- 10) [30246] ahhh! anybody good with dos? (minimizing screen) (qrp)
by PUNISHER3@aol.com
- 11) [30247] Re: An idiots life
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 12) [30248] Re: N2SMH on 1/20 UTC
by "John J. McDonough" <jjmcd@tm.net>
- 13) [30249] JR1MVA 579 on 7008kHz, am I dreaming?
by K0RWC <rwc@frii.com>
- 14) [30250] Re: Belated QSL no longer!
by "John J. McDonough" <jjmcd@tm.net>
- 15) [30251] How low can I go? Milliwatt fever
by "Rob Dey" <rdey@myhost.com>
- 16) [30252] Solar flux index...
by Danh Le <dle@san-jose.tt.slb.com>
- 17) [30253] Re: OHR-100(A) building Project.
by Gary L Surrency <gsurrency@juno.com>
- 18) [30254] Re: Solar flux index...
by Tom Palmer <n1tp@worldnet.att.net>
- 19) [30255] Re: RFI problem-Phonex 800 number

- by "Ed Hare, W1RFI" <ehare@arrl.org>
- 20) [30256] DX SPOTS - REAL TIME - ALL HF BANDS
by Tom Palmer <n1tp@worldnet.att.net>
- 21) [30257] Re: TCI RFI from Wireless Modem Jacks
by "Ed Hare, W1RFI" <ehare@arrl.org>
- 22) [30258] Re: [Re: Gentleman's agreements... AND QRP (was CW...the death...)]
by Roy Lincoln <wa4dou@usa.net>
- 23) [30259] Re: Power supply questions.
by Rick Sealey <rsealey@InfoAve.Net>
- 24) [30260] SCVs part 3
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 25) [30261] test, don't read!
by Roy Lincoln <wa4dou@usa.net>
- 26) [30262] Booming Fox
by "dwtucker" <dwtucker@sunsix.infi.net>
- 27) [30263] Shooting FOX in a barrell!
by Shepherd@aol.com
- 28) [30264]
by Hank Kohl K8DD <k8dd@contesting.com>
- 29) [30265] WA4DOU expelled from list???
by Roy Lincoln <wa4dou@usa.net>
- 30) [30266] Dayton Hamvention 1999 Rooms
by Hank Kohl K8DD <k8dd@contesting.com>
- 31) [30267] Spectrum Analyzer Construction
by Davewb4@aol.com
- 32) [30268] Fw: SWR readings
by william h ross <k6mgo@juno.com>
- 33) [30269] Wow! My first PSK31 QSO
by Bill & Merleigh Jones <kd7s@psnw.com>
- 34) [30270] FOX: Fox Announcement for 22 Jan UTC
by majewski@erim-int.com (Ron Majewski)
- 35) [30271] Re: Power supply questions.
by Jeff Johns <jeffj@scott.net>
- 36) [30272] Re: Power supply questions.
by Gary L Surrency <gsurrency@juno.com>
- 37) [30273] Yaesu repair help ?? FT-757GxII
by Niel Skousen <skousen@srv.net>
- 38) [30274] AN/USM-281info.
by sigcom@juno.com
- 39) [30275] MFJ Y2K etc
by RangerSF5@aol.com
- 40) [30276] corrected fox log 1/15/99
by talljazz@teleport.com (Dan Presley)
- 41) [30277] OHR-100A ..a QSO w/ Dick !
by "Radman" <radman@best.com>
- 42) [30278] Re: SOLD: IC720A
by SKIPNC90@aol.com
- 43) [30279] Re: Cutting board stock?

by Ed Loranger <we6w@juno.com>
44) [30280] Re: ahhh! anybody good with dos? (minimizing screen) (qrp)
by Ed Loranger <we6w@juno.com>
45) [30281] Dayton QRP Banquet - prize donation & ticket sales!!!
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
46) [30282] Hot Water Contest
by k5zty@juno.com
47) [30283] FS: TenTec 1330 30M qrp rig
by "Alan Fryer" <n3bj@hotmail.com>
48) [30284] y1K
by ac5ez@webtv.net (Larry B)
49) [30285] RFI wireless modems
by Bigbob97@aol.com
50) [30286] Re: y1K
by Chris Trask <ctrask@primenet.com>
51) [30287] QRP shack computer
by ka7you@juno.com
52) [30288] SW40+, operating impressions
by Jeffro <JGold@tntech.edu>
53) [30289] Re: SWR readings
by John R Kirby <n3aaz-qrp@juno.com>
54) [30290] How to QRP/Cw OP FROM Brasil?
by afpgreg@state.me.us (Paul V. Gregory)
55) [30291] Johnson Matchbox Questions
by Steve Kubisch <WW7Y@sisna.com>
56) [30292] Li-Ion batteries and QRP
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
57) [30293] Fox: N2SMH log 1/20/99
by "David Maliniak" <dmaliniak@penton.com>
58) [30294] FINAL CALL: 10 KOhm 10-turn potentiometer group buy
by "Jerry McCollom W0MC" <w0mc@hotmail.com>
59) [30295] SST Question
by "Robert Radtke" <rradtke@hutman.net>
60) [30296] Re: SST Question
by "Paul Christensen" <paulc@mediaone.net>
61) [30297] Re: y1K
by Ron Stark <ku7y@dri.edu>
62) [30298] RE: SST Question
by "Roger A. McCarty" <rmccarty@earthlink.net>
63) [30299] Lithium Ion Battery packs
by Dave Barrett <DBarrett@creo.com>
64) [30300] TenTec QRP Kits
by "Jeff Davis (N9AVG)" <jeff@jehosopha.com>
65) [30301] Propagation charts {1 watt MUF probabilities}
by jaywa5whn@juno.com
66) [30302] Re: RFI wireless modems
by "Ed Hare, W1RFI" <ehare@arrl.org>
67) [30303] SPICE model -Transmission line transformer

by David Shalita <af389@lafn.org>
68) [30304] Software...event recorder?
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
69) [30305] Re: QRP shack computer
by "Michael A. Gipe" <mgipe@reliablemeters.com>
70) [30306] One More Time
by Vann G Lantz <vlantz@juno.com>
71) [30307] Update on Radiotron
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
72) [30308] Re: Software...event recorder?
by "Mike Yetsko" <myetsko@insydesw.com>
73) [30309] Re: RFI wireless modems
by Gary L Surrency <gsurrency@juno.com>
74) [30310] Re: WARC Bands -
by Lee Hopper <leehop@uswest.net>
75) [30311] TEST
by RangerSF5@aol.com
76) [30312] Re: TCI wireless modems
by Gary L Surrency <gsurrency@juno.com>
77) [30313] Re: SPICE model -Transmission line transformer
by Chris Trask <ctrask@primenet.com>
78) [30314] Re: Update on Radiotron
by Chris Trask <ctrask@primenet.com>
79) [30315] callsign and change?
by Scott Howell <showell@hq.nasa.gov>
80) [30316] Elmer Ed (WE6W)
by dave_epps@juno.com
81) [30317] Multiband vertical idea -- thoughts?
by Vic Rosenthal <rakefet@rakefet.com>
82) [30318] thank you
by RangerSF5@aol.com
83) [30319] Ive got milliwatt fever - BAD
by Jim <kj5tf@madisoncounty.net>
84) [30320] Re: y1K
by "Marshall Emm" <mgemm@mtechnologies.com>
85) [30321] Re: Foreign Callsign Services
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
86) [30322] Perpetual Borrowed Book -- Status?
by Ed Loranger <we6w@juno.com>
87) [30323] Re: Kester solder types
by Ed Loranger <we6w@juno.com>
88) [30324] Re: Gentleman's agreements... AND QRP
by CQCL@aol.com
89) [30325] Bearing and Distance/BD.EXE
by charles k brown <n4so@juno.com>
90) [30326] Re: Ive got milliwatt fever - BAD
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
91) [30327] Getting more input

by RangerSF5@aol.com

92) [30328] Re: Perpetual Borrowed Book -- Status?
by John Evans - N0HJ <jaevans@codenet.net>

93) [30329] What a night
by Brad Mugleston <bmug@gwl.com>

94) [30330] AR-QRP 40 m Net tonight
by Robsparks@aol.com

95) [30331] CALLSIGN CHANGE? NAAAAA
by Scott Howell <whowell@hq.nasa.gov>

96) [30332] caps lock
by Scott Howell <whowell@hq.nasa.gov>

97) [30333] RE: An idiots life
by Brad Mugleston <bmug@gwl.com>

98) [30334] Re: TCI wireless modems
by "Ed Hare, W1RFI" <ehare@arrl.org>

99) [30335] HW contest times?
by tom whalen <wb5qyt@eFortress.com>

100) [30336] [PCB] For Sale
by David J Adams <adamsclan@netgate.net>

101) [30337] 10m cw xmtr
by tom whalen <wb5qyt@eFortress.com>

102) [30338] Thanks for the input
by RangerSF5@aol.com

103) [30339] Re: Movin' the FB40 (more)
by "Steven Weber" <kd1jv@moose.ncia.net>

104) [30340] Re: Propagation charts {1 watt MUF probabilities}
by "Ed Hare, W1RFI" <ehare@arrl.org>

105) [30341] Re: CALLSIGN CHANGE? NAAAAA
by "Radman" <radman@best.com>

106) [30342] RS meter on sale
by "Richard E. Robinson" <rerobins@email.uncc.edu>

107) [30343] Re: CALLSIGN CHANGE? NAAAAA
by Scott Howell <whowell@hq.nasa.gov>

108) [30344] RE: Multiband vertical idea -- thoughts?
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

109) [30345] Centennial 80 SSB kit
by "David Burniston" <davidgb@nortelnetworks.com>

110) [30346] Re: Perpetual Borrowed Book -- Status?
by "Ed Hare, W1RFI" <ehare@arrl.org>

111) [30347] For Trade: Solid State Design (2nd edition)
by "Buck, Preston D" <BuckPD@corning.com>

112) [30348] Re: Pre-FYBO adventure NO JOY!
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>

113) [30349] QRP++ AND SSTV AND COMPUTER QRM
by hamjoel@juno.com

114) [30350] Re: Kester solder types
by Norm Melick <henmel@worldnet.att.net>

115) [30351] 1999 QRP-L Heathkit Hot Water Sprint (HHWS) ANNOUNCEMENT (DUPE)

by Patrick M Kvitkauskas <pmk@juno.com>

Date: 19 Jan 99 18:48:54 EST
From: Roy Lincoln <wa4dou@usa.net>
To: owner-qrp-1@Lehigh.EDU, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30237] Re: [Gentleman's agreements... AND QRP (was CW...the death...)]
Message-ID: <19990119234854.14250.qmail@www0j.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

Would my age be showing if i suggested that i remember when the 7050-7100 khz. segment of 40 meters was principally CW? I wasn't aware that a gentlemen agreement had usurped that area but i don't operate there anyway. Would be nice if we could get an update on what "gentlemans agreements" are generally if effect these days on all bands, 160 - say 6 meters. A lot of us young OF's might still be operating under past "delusions"? Ha!

p.s. For those of you who delight in referring to those of us who got our licenses in the 60's and before as OF's,---Your turn is comming. It passes much faster than you think!!!! 73 Roy Lincoln WA4DOU-----

Ron Stark wrote:

> I am looking in my handbook and don't see any agreement to
> keep CW out of 7050-7100.
>
> This is the 1994 ARRL handbook. Maybe it's outdated already!

I looked in my 1979 copy and it doesn't have any agreements in it either. On the other hand it doesn't show that VEs could use A3 in the 7.050 to 7.100 area either.

A few years ago we were deregulated to the point that we don't have sub bands any more but are limited by band width. No FM on 40 meters but nothing is stopping me from putting my 750 watt AM signal on 7.040. Nothing but those same unprinted "gentleman's agreements."

I prefer to be a "Gent" to being a band hog.

--

73 es have fun
Peter
VE6YC D021wc

Drinking and calculus don't mix. Never drink and derive!!

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: 19 Jan 99 19:03:17 EST
From: Roy Lincoln <wa4dou@usa.net>
To: owner-qrp-1@Lehigh.EDU, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30238] Re: [Re: Gentleman's agreements... AND QRP (was CW...the death...)]
Message-ID: <19990120000317.29579.qmail@www0h.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

It might offend you but Bruce is absolutely right. We as QRP'ers are virtually insignificant in Ham Radio, and in the Grand Scheme of things too. Now armed with that knowledge, we are equipped to do great things, as long as we remember our place in the "food chain"! 73 Roy WA4DOU-----

Peter and gang,

I keep seeing this BS about "gentlemen's Agreements". For once and for all -- the only actual rules and regulations governing band planning are those made by the governing body in your country! The FCC in the United States provides a list of what and where we can operate. The Canadian telecom commission (sorry, don't know the right name) says what Canadians can do. If you choose not to believe what they say it's your ticket!

Gentlemen's agreements are set up by amateurs for amateurs. They can and cannot be followed as each amateur dictates. There are no penalties associated with not following them if they aren't cast in law.

This group seems to be full of crybabies who think QRP is bigger than a wart on a bug's XXX. It aint. There may be 10000 QRPers world wide. If you think that is big look at the population of amateurs world wide. Now, get back to crying about the trash you always cry about!

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Tue, 19 Jan 1999 17:12:36 -0700
From: Brad Mugleston <bmug@gw1.com>
To: "'qrp-1'" <qrp-1@lehigh.edu>
Subject: [30239] An idiots life
Message-ID: <01BE43CE.EA935280.bmug@gw1.com>

What am I nuts - my wife thinks so!! Here is my story.

Late last year, I think it was August (just before my wife's birthday) the new NorCal kit was being offered for sale. I had saved my pennies and sent my check in late at night just before the starting date for purchase.

I knew I had made it as they didn't all sell out the first day. I was in hog heaven, I was going to get a new toy.

Then it happened. My power supply died - working on a half brain, my mind went nuts - I needed a supply, my wife's birthday was a week away, I really needed a power supply, my youngest son's birthday was a month away, I needed a OHR fix, Christmas was just around the corner.

I panicked, I asked for my money back on the NorCal kit. It came back. I got my power supply but now I have nothing to build and nothing on order.

OK, I'm an idiot but does anyone out there want to sell their kit? I know they aren't out yet but it would make me feel better if I knew I had one coming.

Remember, birthdays are coming up. Valentines is just around the corner.
Maybe you need a new power supply. I give green stamps?

de KI00T, Brad

Date: Tue, 19 Jan 1999 18:20:10 -0600
From: mike1@urbancom.net (Dinelli, Michael)
To: <wa4dou@usa.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30240] Considerate Operator's Frequency Guide
Message-ID: <001701be440a\$a435bee0\$39af51d1@mike1.urbancom.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The ARRL web site has The "Considerate Operator's Frequency Guide" at
<http://www.arrl.org/field/regulations/conop.html>

73 de Mike, N9BOR
FISTS NR 4594
<http://www.qsl.net/n9bor>

di dah dit - The only roger beep you will ever need.
My designated driver is a 12BY7A.
Solid State leaves me cold.

Date: Tue, 19 Jan 1999 19:46:40 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>, NJQRP Club <njqrp@njqrp.org>
Subject: [30241] Demaw Book
Message-ID: <36A5276F.8960F3FF@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for all the information from everyone on Doug Demaw's QRP
Notebook. I had been blissfully ignorant of the fact that there was a
larger, newer edition than the one I had on my shelf. I've already taken
steps to add it to my collection of works by a man who can best be
described as a Grandmaster of QRP. The more I learn from Doug's books
the more I seem to miss him but I can't help thinking he's looking over
all of our shoulders whenever we "ugly" solder a 2N222A to a piece of
copperclad.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 19 Jan 1999 19:53:11 -0500
From: Joe Everhart <n2cx@voicenet.com>
To: njqrp@njqrp.org
Cc: qrp-1@Lehigh.EDU
Subject: [30242] Movin' the FB40 (long)
Message-ID: <199901200053.TAA46430@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I've thought about how to alleviate one of the shortcomings of the FB40 (and other simple single-crystal rigs). Over the past week or so both Ed, WE6W and Steve "Melt Solder" KD1JV have taken a crack at the dilemma so I thought I'd have a go at it. This isn't a final elegant solution, simply a few ideas that you can try.

The FB40 is based on a fixed frequency 28.322 MHz oscillator that is divided down to provide selectable output on 20, 40 or 80 meters. Since 40 is what the FB40 is aimed at, any numbers discussed will assumed use of 40.

The first idea to come to mind was to switch in different oscillators (on an external board of course) to move the operating frequency. A schematic of this will be given later.

This idea presupposes that you can get different frequency oscillators. Well, most of the oscillator packages are specified to be within 100 ppm (parts per million) of the nominal frequency. Since the ratios carry thru after division, this means that the 40 meter output should be +/- 708 Hz. But.... the vendor's reproducibility is so good that of 5 oscillators I checked, all were within 200 HZ!

On to Plan B - Remember back in the bad old days when hams "rubbered" crystals? Nowadays those of us who do this usually make a VXO or variable crystal oscillator that uses variable C or L to tune (a little bit) away from the crystal's marked frequency. As WE6W and KD1JV found out, this ain't too easy with the canned oscillators. However all is not lost!

Going back to "old time" techniques and a little brute force, you can more-or-less permanently retune the cans. Warning - This isn't for the faint of heart nor is it very sophisticated or trouble-free. And you may ruin some hardware before you learn to do it right. But it's cheap and dirty and loads of fun. <G>

First you decapitate the oscillator can. A picture helps (and I may eventually post one up on the NJQRP web page) but the idea is that the top of the rectangular oscillator can is soldered or welded on. You can use the KD1JV sharp knife and steady hands trick, or simply use a Dremel tool and carefully grind thru the can all the way around the periphery about 1/16 inch (1.5875 mm for the metrically inclined) from the lower lip. - Try to keep metal chips from falling inside the case and causing short circuits or other various misery. And please take very good care with that power tool. Rotating shaft tools can be dangerous and even more so when they have a grinding or cutting wheel attached. Safety glasses and extreme caution are in order.

When you finally get it open, you will see a "bare" quartz crystal element and various surface-mount circuitry. Please do not touch the crystal element since it is fragile and its activity may be degraded by contamination due to finger oil or peanut butter or whatever else you've got on your mitts. If your oscillator is like mine, the crystal is suspended on two springy posts that shock mount it - neat!

Now for the fun part. Carefully plug your oscillator back into the FB40 (of course you used sockets!) and measure the 40 meter output frequency. Theoretically it is near 28.322/4 or 7.081 MHz. All of mine were between 7080.36 and 7080.5 MHz.

If you are very careful, very lucky and have lived well you can lower the frequency slightly without degrading the oscillator *too* much. Simply rub a piece of solder onto one of the round metal electrodes on the upper crystal face. In my case, four short, light strokes lowered the frequency by about 500 Hz. Go carefully, your mileage may vary and trying to go too far may make the crystal stop oscillating altogether. You can probably lower it a kHz or so without too much harm.

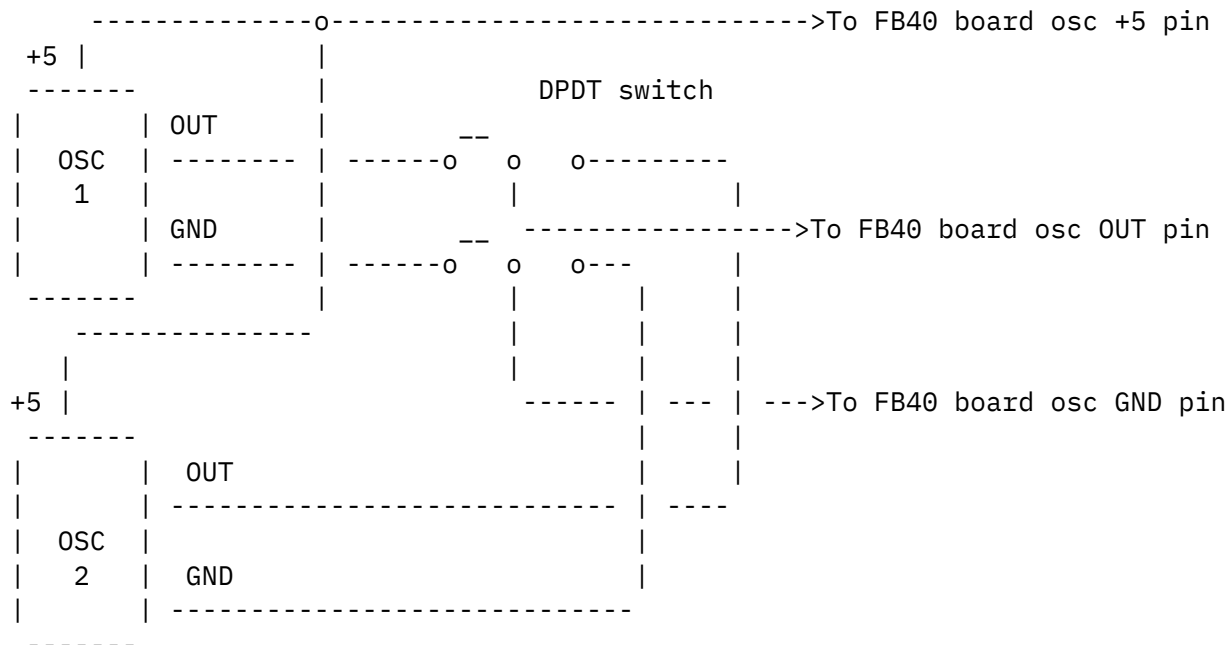
Since the crystals are subject to environmental contamination, it is a good idea to somehow seal the can back up either by replacing the lid or some other means. I haven't figured out how yet!

And don't use the only can you've got. If you damage it you are out of luck....

Digikey, Mouser and others carry the standard 28.322 MHz frequency for between 3 and 4 bucks in singles as do a bunch of surplus outlets.

Back to the switching idea. If you have a couple of oscillators, each on a slightly different frequency, switching them can help you move around to avoid causing QRM during times when lots of folks are on frequency. Here are the rudiments of a possible method. I've not tried it yet so some adventurous types need to check it out.

The circuit can be built up on a piece of perforated board external to the FB40 and connected in place of the on-board oscillator can with some short wires.



So there you have it! With a little imagination and some fiddlin' around you **can** move your FB40 across the band - at least a little ways!

72/73,

Joe E., N2CX

from South Jersey y'all!

 Date: Tue, 19 Jan 1999 18:55:23 -0600
 From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
 To: jeffj@scott.net
 Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
 Subject: [30243] Re: Thanks!
 Message-ID: <36A5297B.4975F2CD@swbell.net>
 MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff Johns wrote:

"It's weird, I would have never thought that a radio could generate enough spurious RF to affect a power supply....."

The radio did what it is supposed to, generate RF. It's the power supply that responded spuriously :)

(I knew what you meant, HI)

73,
Steve Yates
AA5TB
Fort Worth
aa5tb@swbell.net
<http://home.swbell.net/aa5tb/>

Date: Tue, 19 Jan 1999 23:29:22 +0000
From: Dick Pascoe <Dick@kanga.demon.co.uk>
To: gqrp-l@blacksheep.org
Cc: qrp-l@lehigh.edu
Subject: [30244] Winter sports help
Message-ID: <qAyDmGASVRp2EwcC@kanga.demon.co.uk>
MIME-Version: 1.0

Hi gang,

I did ask, but didn't get any replies...

My antenna's were down during the winter sports.
One gale too many here. Had several during last month.

The tower is horizontal and will stay there awhile.

I would appreciate any comments, reports, views comments to me please ASAP.

Many thanks de ..

--
Dick Pascoe G0BPS
Kanga Products

Seaview House, Crete Road East
Folkestone CT18 7EG U.K.
Tel 44 (0) 1303 891106
<http://www.kanga.demon.co.uk>

Date: Tue, 19 Jan 1999 20:14:57 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [30245] FOX N2SMH
Message-ID: <36A52E11.FFBCBDDC@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

N2SMH (Dave in N. J.) is booming into SW Florida.
I think I was his first FOX QSO tonight. If so, that will
be a first for me. Hound's signals are booming into
SW Florida from all over. Conditions are
excellent. Heard Bill (K5ZTY) 589 - BIG!. If these
condx hold, Dave should have a high numbers of Qs.
Hope everyone who is hunting tonight will get his/her pelt.
Best wished to all, Tom, N1TP, Naples. QRP-L #1317

Date: Tue, 19 Jan 1999 20:11:13 EST
From: PUNISHER3@aol.com
To: qrp-l@lehigh.edu
Subject: [30246] ahhh! anybody good with dos? (minimizing screen) (qrp)
Message-ID: <66a176d7.36a52d31@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi guys. You have answered my questions before, so i know you can answer this
one. When i am on my radio, i also use my computer for logging and other
things, so i usually have at least 2 dos screens up (minimized) on the
desktop, but i'm not sure what i did today, and all the sudden the screen
maximized, so now i can't go to the other dos box because this first one is
open and i don't know how to minimize it. I would LOVE to find out how to
minimize it back to normal.

thanks a bunch,

Ben
KM7DX Redmond, Wa

Date: Wed, 20 Jan 1999 01:18:32 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <bmug@gwl.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30247] Re: An idiots life
Message-ID: <00b101be4412\$cc725e60\$e842b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mebbe you ought to get your priorities straight! I mean your wife and kids actually come before a NorCal 20 kit? Geesshhhh!, what is ham radio coming to! I can't be bothered asking my wife (can't remember her name right now) if its OK to buy a kit. She doesn't ask me if its OK to buy food. Let it go to someone deserving. ;-)
de Steve, W8SFF

Date: Tue, 19 Jan 1999 20:16:41 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <dmaliniak@penton.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30248] Re: N2SMH on 1/20 UTC
Message-ID: <008801be4412\$aada93440\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

YES - YES - YES!!! After a long dry spell, FINALLY a pelt - and from my home state too!! Almost missed him - a 60 over signal covered him just as he replied to me - fortunately managed to pull it out.

David has a great signal here when my ALC isn't being swamped! Good job, David!

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 19 Jan 1999 18:24:26 -0700
From: K0RWC <rwc@frii.com>
To: lowpowerdx@egroups.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30249] JR1MVA 579 on 7008kHz, am I dreaming?
Message-ID: <3.0.5.32.19990119182426.00831a00@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks:

Couldn't sleep this AM so got up abt 0430MST. Started tuning around the low edge of 40M, lot's a DX pile-ups heard, Ukraine, Africa, Europe...a few from Japan.... Then I heard JR1MVA calling CQ DX with few takers. He was cookin' at 20-25WPM, and I top out around 20. I was tired but I gave him a call, dang if he didn't come back first call! We gave each other a 579. I missed a lot of what he was sending but got enough for the QSL. Copying further QSO's I pegged his QTH as SAITAMA (From QRZ: HIGASHIMATSUYAMA-CITY, SAITAMA-PRF JAPAN), NR Tokyo I think. As loud as he was I thought he was in or near the the lower 48!

So maybe I did work him in Japan, the kicker is: I was using my NorCal 40 pumpin' 1.8WTS into a G5RV 20ft up!!! Time will tell if/when I receive a QSL card. Now I gotta figure out how to QSL via BURO. Can anyone help this redfaced DX newbie?

TNX fer listening.

72/3 K0RWC
Rod Cerkoney, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Tue, 19 Jan 1999 20:24:00 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <we6w@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30250] Re: Belated QSL no longer!
Message-ID: <009501be4413\$92558c60\$010044c0@mdp23b>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

From: Ed Loranger <we6w@qsl.net>

>OK. Have you been waiting for that we6w qsl? Wondering
>what is up with ol' Ed?
>
>Wait no more! The 1998 qsl cards are going out, finally!

And a great looking card it is, Ed!

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 19 Jan 1999 20:32:17 -0500
From: "Rob Dey" <rdey@myhost.com>
To: <qrp-l@Lehigh.EDU>
Cc: <kj5tf@madisoncounty.net>
Subject: [30251] How low can I go? Milliwatt fever
Message-ID: <199901200131.UAA09650@mail.myhost.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jim,

Great fun, eh? 'love to hear QRPP stories just to see how low we can get!

One of my most amazing QRPP contacts was back about 15 years ago using
2mW (yes, two-milliwatts) on 40-meters, I worked Florida from Bayville, NJ.
I'd have to check to log for the signal report, but that's a lot of miles
per watt for a simple dipole.

Good luck!

72/73,

Rob L. Dey, KA2BEO
Rob's Ham Shack
<http://www.myhost.com/rdey>
Point Pleasant, NJ, USA
Member: ARRL, 10-X #65539, NorCal #2249, QRP-L #1807, NJ-QRP #176, JSARS,
AWA

Date: Tue, 19 Jan 1999 17:37:05 -0800
From: Danh Le <dle@san-jose.tt.slb.com>
To: qrp-l@lehigh.edu
Subject: [30252] Solar flux index...
Message-ID: <199901200133.RAA12683@San-Jose.tt.slb.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just checked the DX Cluster and the flux index is all the way
up to 176 now. No wonder that ZL9CI is every where! I even
worked him on 15m mobile this afternoon with 10w into a
hamstick.

Time to jump on high bands...

72/73 de Dan, ke6d

=====
Danh Le, KE6D, Milpitas CA ke6d@w6yx.ampr.org

Date: Tue, 19 Jan 1999 16:10:55 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: bgeipel@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [30253] Re: OHR-100(A) building Project.
Message-ID: <19990119.184500.-4060549.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I *always* add a couple of extra turns to my VFO inductor when I'm
building a kit, just in case the darn thing resonates too high. Much mo'
easier to remove a turn if there's too many, than to add one if there's
too few! ;-)

Kinda like carpentering.....once ya cut a board too short, you gotta do it all over again. :-(

Live and learn.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 19 Jan 1999 20:52:44 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: dle@san-jose.tt.slb.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30254] Re: Solar flux index...
Message-ID: <36A536EC.19794ACC@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It looks like 1999 is going to be a super year for DX. Heard Vietnam and Juan Fernandez today on 15 CW with big signals. It's rare to ever hear a peep out of Vietnam here in SW Florida. If the bands keep improving as they have been so far, there's no telling how easy rare DX is going to be. Someone on a DX spotting net said he worked ZL9CI using a fishing pole for his antenna! GOOD DX! Tom, N1TP, Naples, Fl.

Danh Le wrote:

> Just checked the DX Cluster and the flux index is all the way
> up to 176 now. No wonder that ZL9CI is every where! I even
> worked him on 15m mobile this afternoon with 10w into a
> hamstick.
>
> Time to jump on high bands...
>

> 72/73 de Dan, ke6d
>
> =====
> Danh Le, KE6D, Milpitas CA ke6d@w6yx.ampr.org

Date: Tue, 19 Jan 1999 21:11:27 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-1@lehigh.edu
Subject: [30255] Re: RFI problem-Phonex 800 number
Message-ID: <36A53B4F.7C6@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Allan G. Taylor wrote:

> The devices referred to in my recent postings are generally installed by
> TCI. But not all. They are also sold by COSTCO, Radio Shack, and other
> retailers. If you should encounter a set of these devices, the number to call
> for a replacement pair is 800-437-0101. Its their customer service line and they
> have designated it as the point of contact for amateurs dealing with their
> devices. TCI should be contacted for theirs, of course, but if all else fails,
> Phonex should be able to replace them with a call to the above number.

> By the way, the unit on the cable TV box end is the bad boy. On all the time and
> in 80 cw band, ~3520.

> Allan K7GT Pleasanton CA

There are two varieties of these things. The ones marketed as wireless
MODEM jacks are the ones that operate on 3.53 MHz. (The ones that
Phonex will be shipping in the next two weeks will be 3.3 MHz.)

The ones being marketed as wireless TELEPHONE jacks, sold by RCA, GE,
Costco, Radio Shack, etc., operate on 3.025 MHz and should generally NOT
cause a problem for hams.

Let's be careful here and not bother Phonex unless we need to. They made
an engineering change to put these things outside the ham bands within 2
days of their receiving reports of interference. If only it always
went that well...

73, Ed, W1RFI
ARRL Lab

Date: Tue, 19 Jan 1999 21:12:26 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [30256] DX SPOTS - REAL TIME - ALL HF BANDS
Message-ID: <36A53B89.4C2A88A8@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For newbies, check out the following for real time DX spots on all HF bands. Spotters from all around the globe post spots thereon. It's a FB way to catch the rare countries.

<http://oh2aq.kolumbus.com/dxs/oldlook.html>

Tom, N1TP. Naples, Florida.

Date: Tue, 19 Jan 1999 21:29:16 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [30257] Re: TCI RFI from Wireless Modem Jacks
Message-ID: <36A53F7C.2AF7@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Allan G. Taylor wrote:

> The local TCI guy is going to get me a nationwide contact name as well as,
> hopefully, a copy of the original TCI memo of 24 Dec to the local offices
> making this cleanup a FIRST PRIORITY. This should be useful to get through
> the front offices of those stonewalling us.

I have that national contact, but I am trying to see if we can run a bit of interference for them. TCI has been thoroughly cooperative and I have offered to serve as a liaison between amateurs and problems encountered. TCI hopes that the process will work, with hams contacting

their local office and their local office doing what it takes. With thousands of local offices, though, problems are expected. These problems can range through improper responses from the local office, which I immediately forward to Tony Werner, to what turns out to be interference from non-TCI sources, which we really shouldn't be bothering TCI about. I put myself in the middle because TCI staff may not understand amateur radio and could become very frustrated trying to deal with things they don't understand. Frustrated people on both ends could be a problem and could undermine the very prompt and effective response we have from TCI. I am able to help hams determine what is and is not a TCI problem (one ham reported interference >3.8 MHz, not id'ed with wireless modems).

> In our sweeps around neighborhoods with the IC706 and a Hamstick, we found that
> the signals easily could be heard for up to a mile. The biggest problem is they
> are so overlapping that another one would grab the S-meter... Gene, K6TTM,
> should now start to get some relief as well, though, as we identified three
> big sources. One device, S9+20 at his home, was a full 5 blocks away and fully
> 'pinned' the bar-graph S-meter on the 706 as we drove by. Then others were
> barely S9 at closest approach.

Yes, in some cases, there are some whopping signals from these. I most cases, S9+15 or so indicates about 100 feet. It drops off at $20\log(\text{distance}/100)$ in feet from there.

> The problem is being worked. TCI is replacing them, at least here. But one needs
> to follow their efforts closely. I am in daily contact with him and give him
> a report on what their day's efforts yielded. You cannot sit back and wait for
> this one to go away. Put a rig in your car and drive around the neighborhood,
> listening to a 'hot' one. Contact the people in the house if you feel up to it,
> and verify their TCI Digital Cable TV connection or perhaps some other use
> (private) of these devices. Here, at least, 95% is from TCI.

The private ones are either some of the "wireless modem jacks" sold in some of the computer stores, or people have gotten their hands on a TCI unit. Some are using them as phone jacks and having their phone signals broadcast around the neighborhood.

Keep in mind that if there is no harmful interference to amateurs, these devices are legal under Part 15. While it is quite appropriate to ask TCI (or a non-TCI user) to correct a problem when harmful interference occurs, it is probably not necessary to drive all over town and make TCI take them all out. What TCI offered was to correct all actual problems immediately and to replace the other units in a longer-term process. This is a reasonable approach and IMHO, we should let it work. Now, some of these devices can be heard for quite some distance, so finding the hot spots may be very necessary, but let's please keep this in the proper context. ARRL hopes to build the cooperation that worked so well

in this case into a similar effort with other Part 15 manufacturers.
This will work as long as what Amateur Radio asks for from manufacturers
is appropriate.

TCI should be able to easily determine if a suspected house has one of
these devices in it, so it may be best to let them do the initial
contact.

> The ARRL was instrumental. Ed Hare was my first
> point of contact back in December, as was Brad Wyatt, K6WR, an ARRL guy out
> here on the West coast. Like them or not, they have done us all a great service.
> (I like them)

Thanks, Allan; it is what I do here. ARRL was able to pay me to work on
this for a few weeks now because 165,000 of you all chipped in. :-)

Can I ask all who have problems with these devices to report them to me,
with as much detail as you can. I will ultimately bring them before the
FCC, not for individual intervention, but as part of a big picture that
Part 15 devices are hurting us and that we need some way of addressing
them. Allan, you seem to have found a number of these -- could I get a
blow-by-blow report?

Keep them coming; I will use them to kick some butt! :-)

> Back to our regular programming...

This IS my regular programming. :-)

73,
Ed, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
w1rfi@arrl.org
860-594-0318

Date: 19 Jan 99 21:32:42 EST
From: Roy Lincoln <wa4dou@usa.net>
To: owner-qrp-1@Lehigh.EDU, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [30258] Re: [Re: Gentleman's agreements... AND QRP (was CW...the
death...)]
Message-ID: <19990120023242.19386.qmail@nw175.netaddress.usa.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

He's right, we amount to nothing significant in the world of hamdom and in the grand scheme of things. Knowing our place in the food chain ought to keep our thinking in perspective!!!! 73 Roy Lincoln WA4DOU-----

Peter and gang,

I keep seeing this BS about "gentlemen's Agreements". For once and for all -- the only actual rules and regulations governing band planning are those made by the governing body in your country! The FCC in the United States provides a list of what and where we can operate. The Canadian telecom commision (sorry, don't know the right name) says what Canadians can do. If you choose not to believe what they say it's your ticket!

Gentlemen's agreements are set up by amateurs for amateurs. They can and cannot be followed as each amatreur dictates. There are no penalties associated with not following them if they aren't cast in law.

This group seems to be full of crybabies who think QRP is bigger than a wart on a bugs XXX. It aint. There may be 10000 QRPers world wide. If you think that is big look at the population of amateurs world wide. Now, get back to crying about the trash you always cry about!

73

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Tue, 19 Jan 1999 21:28:42 -0500
From: Rick Sealey <rsealey@InfoAve.Net>
To: old_radios@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [30259] Re: Power supply questions.
Message-ID: <1.5.4.32.19990120022842.00fcfa4c@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Patrick,

I briefly used an MFJ switch mode PS at a dealer the other day and while I

didn't test it for RF noise, I did find the fan to be too audibly noisy for me. There appears to be no thermostat but the fan speed is controlled by the output voltage adjust knob on the front panel! And at 13.8V it was turnin' pretty good and more than I would want to have to listen to. On the other hand the Astron switcher I checked out had a thermostatically controlled acceptably quiet fan and, if course, the price was higher. The MFJ has connectors on the front (better for workbench?) while the Astron's are rear mounted, my preference for relatively fixed connections.

Not an answer to your RF (I assume) noise question, but a factor to consider none-the-less. There's too much racket in our lives already.

(Value - \$0.02, non-redeemable)

Rick - W4SEA

Original message:

>I'm in the market for a power supply and have been looking at
>Astron, Tripplite and MFJ. They're all around the same price,
>MFJ offers a switching supply that is pretty compact.
>
>Has anyone had good/bad experiences with any of these brands? Do
>switching power supplies (The MFJ specifically) tend to generate
>more noise than conventional supplies? Private email is OK.
>
>Thanks, Patrick

Date: Tue, 19 Jan 1999 21:43:20 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp-l@blacksheep.org,
towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com
Subject: [30260] SCVs part 3
Message-ID: <Pine.GS0.3.96.990119213633.13228A-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Since the latest issue of NCJ has now appeared, I have placed part 3 of the SCV series (on rectangles) at my site. Part 4 will deal with Half Squares, while Part 5 will cover double wides (open double rectangles, bobtail curtains, etc.) plus parasitic possibilities. I hope the series is useful. The SVC index is located in the lower HF collection.

If anyone has a copy of the 4th Edition (1953) of the Radiotron Designer's Handbook with which they would part at a reasonable price, knowing it would be used and have a good home, I should be pleased to hear from you. Earlier editions are good, but the 4th is the one I need.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	\	/	/		(FAX)	(423) 974-3509
37938-4443	USA	/	\	\	\	\			cebik@utk.edu
	URL:	http://web.utk.edu/~cebik/radio.html							

Date: 19 Jan 99 21:42:38 EST
From: Roy Lincoln <wa4dou@usa.net>
To: qrp-l@lehigh.edu
Subject: [30261] test, don't read!
Message-ID: <19990120024238.17264.qmail@www0t.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

test

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Date: Tue, 19 Jan 1999 20:50:38 +600
From: "dwtucker" <dwtucker@sunsix.infi.net>
To: qrp-l@lehigh.edu
Subject: [30262] Booming Fox
Message-ID: <199901200251.VAA30854@fh105.infi.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

David sure was booming here into Western Ky this evening.
He was handling the pile up like a pro !!!!

The little MFJ 9040 and G5RV came thru for me tonight.

Thanks David for the pelt. Great going.

de NU4N/Dave
QRP-L 1096

Date: Tue, 19 Jan 1999 21:54:17 EST
From: Shepherd@aol.com
To: qrp-l@lehigh.edu
Subject: [30263] Shooting FOX in a barrell!
Message-ID: <c584aa48.36a54559@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Man o man this was my night.
After a long dry spell, I got a FOX!

I got a late start in the hunt expecting the usual bad conditions, QRN, and so forth.

Turned on the Rig to 7.042, hear David right away. He finished a contact and sent QRZ. I shoot out my call and BOOM he answers right back. Total hunt time 30 seconds.

Good solid signal into Ohio David. Sorry I goofed up my NR, it's been a long time since I sent it. hihi

Setup here is a Knwd TS-830 @ 5 watts to a vertical.
72, 73
Dan, N8IE
QRP-l #1404

Date: Tue, 19 Jan 1999 22:08:37 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Message-ID: <4.1.19990119220415.01373790@192.0.0.1>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

It's time to put in for vacation for the 1999 Dayton Hamvention!
May 14, 15, 16, 1999.

Add May 13 for the FDIM QRP extravaganza
(<http://www.qrparci.org/fdim99.html>)

QRP-ARCI has a block of rooms (<http://www.tir.com/~k8dd/dids.htm>) and the list has been started with the previous attendees and speakers at the FDIM.

The rooms are \$72 per night + taxes. No extra charges for extra people in the room. As motel/hotel rooms go for \$72 per night (+ taxes) Hamvention weekend, it's not the lowest and it is, by a lot of dollars, not the highest, but it is THE location for QRP.

Yes, it is still at Days Inn South in Miamisburg, south of the HARA Arena about 15 - 20 minutes depending on your route. Yes, we have a promise of hot water in all the rooms this year.

And we have a lot of rooms available. To get one of the rooms in the QRP-ARCI block at the home of the QRP Awards Banquet, the FDIM Symposium, the FDIM Vendor Social and everything that happens in QRP at Dayton, I need the following:

Name:
Callsign:
Which Nights:
Nr of Beds:
Smoking Y/N:

Home Phone:
Work Phone:
E-mail:

Room confirmations will take place in February or March 1999.

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS <http://www.tir.com/~k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: 19 Jan 99 22:07:38 EST
From: Roy Lincoln <wa4dou@usa.net>
To: qrp-1@lehigh.edu
Subject: [30265] WA4DOU expelled from list???
Message-ID: <19990120030738.28156.qmail@www0j.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The reflector isn't working for WA4DOU tonight! Could i have ben summarily expelled from the list??? OH WELL! At least i know my place in the food chain!
HA! 73 Roy WA4DOU

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Tue, 19 Jan 1999 22:30:54 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30266] Dayton Hamvention 1999 Rooms
Message-ID: <4.1.19990119222935.013845e0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

[This time with a subject!]

It's time to put in for vacation for the 1999 Dayton Hamvention!
May 14, 15, 16, 1999.

Add May 13 for the FDIAM QRP extravaganza
(<http://www.qrparci.org/fdim99.html>)

QRP-ARCI has a block of rooms (<http://www.tir.com/~k8dd/dids.htm>) and the list has been started with the previous attendees and speakers at the FDIAM.

The rooms are \$72 per night + taxes. No extra charges for extra people in the room. As motel/hotel rooms go for \$72 per night (+ taxes) Hamvention weekend, it's not the lowest and it is, by a lot of dollars, not the highest, but it is THE location for QRP.

Yes, it is still at Days Inn South in Miamisburg, south of the HARA Arena about 15 - 20 minutes depending on your route. Yes, we have a promise of hot water in all the rooms this year.

And we have a lot of rooms available. To get one of the rooms in the QRP-ARCI block at the home of the QRP Awards Banquet, the FDIM Symposium, the FDIM Vendor Social and everything that happens in QRP at Dayton, I need the following:

Name:
Callsign:
Which Nights:
Nr of Beds:
Smoking Y/N:

Home Phone:
Work Phone:
E-mail:

Room confirmations will take place in February or March 1999.

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS <http://www.tir.com/~k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Tue, 19 Jan 1999 22:45:07 EST
From: Davewb4@aol.com
To: qrp-1@Lehigh.EDU
Subject: [30267] Spectrum Analyzer Construction
Message-ID: <a8c7784b.36a55143@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang: To all who are in the constructon phase or are planning to build the W7ZOI/K7TAU Spectrum Analyzer you should look at the new information at the Jim Cotton N8QOH web site. Especially the info under "Random Construction Hints" I have been in contact with Jim for the last few weeks and he gave me all the info via email but he has kindly added it to the site. I can't wager a guess at the time Jim has saved me with these hints. If you follow his method of enclosure construction it all falls into place. This is in addition to the great photos of the completed modules. Jim all I can say is THANKS!!!!!! You can find Jim's site at;

141.218.23.75/cotton/SA1.html

73

Dave Rogers WB4CHK

Plantation, FL

Date: Tue, 19 Jan 1999 19:54:23 -0800
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [30268] Fw: SWR readings
Message-ID: <19990119.195425.-3193561.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

----- Forwarded message -----
From: "Edward A Kwik jr" <eakwikjr@hti.com>

Question. I have a MFJ 971 protable antenna tuner (that's what MJF calls it). If I put my 51 ohm dummy load on the antenna side and my transmitter on the transmitter side then tune it for a 1:1 SWR reading then replace the dummy load with my antenna, will the resulting SWR be the same reading that I would get if I used a standalone SWR meter?
TIA
Ed Kwik AB8DF Waterford, MI

No Ed, If your antenna would match your 51 ohm dummy load, you wouldn't need an antenna tuner.
The purpose of the tuner is to tune out or cancel the reactance of your antenna so that it matches 50 ohms and the output circuit of your rig, when the antenna is not 50 ohm impedance at the operating frequency.
Hope this helps explain it.
72,
Bill K6MGO

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 19 Jan 1999 20:04:02 -0800
From: Bill & Merleigh Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [30269] Wow! My first PSK31 QSO

Message-ID: <3.0.5.32.19990119200402.007b0db0@mail.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi my friends,

I got home from the office this evening and installed the Sound Blaster version of PSK31 on my PC. I made up a cable to go from my Icom IC-728 to the SB card, turned on the receiver and tuned to 7071.10 kHz. I heard a signal, tuned it in according to the "help screens" I'd been reading and would you believe it, I started seeing CQ CQ CQ de NB6Z NB6Z NB6Z scroll across my screen. Just for the heck of it, I pushed the XMIT button and signed, de KD7S K. I almost fell out of my chair when Griff came back to me.

We chatted for about fifteen minutes. He was in Beaverton, Oregon (next door to Portland) and I am in Sanger, CA (next door to Fresno). I was running 15 watts output and Griff went from 70 watts down to 5 watts. He was still solid print.

If you're looking for an exciting new experience, try PSK31. It couldn't be easier to get up and running (I'm living proof). Go to the Official PSK31 Web Page (<http://bipt106.bi.ehu.es/psk31.html>) and download the Sound Blaster version. It's free and it works extremely well.

If there ever was a great QRP mode, this is it.

=====
Bill Jones - KD7S - <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 19 Jan 1999 23:06:07 -0500
From: majewski@erim-int.com (Ron Majewski)
To: qrp-l@lehigh.edu
Subject: [30270] FOX: Fox Announcement for 22 Jan UTC
Message-ID: <199901200406.XAA22643@sdag200a>

Hello Hounds!

My name is Ron (W8RU) and I am scheduled to be the second Fox for the week of 18-22 January. In GMT, I will be operating from 0200-0400utc on 22 January. This is the evening of Thursday, 21 January local time.

I live in Michigan on the far northwest side of the Detroit area.

I'll be using 5w to a 2 element 40m yagi at 65ft and a full-wave delta loop at 50ft; the loop favors east-west paths.

I will do my best to work as many of you hounds as I possibly can during my evening operation. It's going to be big fun for me, and I look forward to meeting many of you this Thursday evening and sharing the fun of the hunt with you! Let's hope for a smile from the mystical propagation gods in whose domain we play.

I will be rotating the yagi around as conditions dictate, as well as switching between the yagi and the delta loop. I will also be giving my RIT knob a workout, so one tactic might be to move up or down a bit off my transmit frequency. I have a 250Hz receive filter along with an outboard DSP, so my receive window can get pretty narrow. I really can't say where I'll start out -- it will depend upon how busy the Fox band is just before start time. Once the hunt begins, I will QSY if conditions warrant.

I have made up a special QSL card for my hunt this week, and it displays a hand-drawn cartoon of the event. If we QSO and you'd like a copy of the card, just drop me your card in the US Mails or send an Email and I'd be happy to reply.

Good hunting to you all. Tallyho and 72/3!

Ron.

Date: Tue, 19 Jan 1999 22:26:21 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30271] Re: Power supply questions.
Message-ID: <199901200426.WAA01632x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Tue, 19 Jan 1999 21:28:42 -0500, Rick Sealey <rsealey@InfoAve.Net> wrote:

> I briefly used an MFJ switch mode PS at a dealer the other day and while I
> didn't test it for RF noise, I did find the fan
> to be too audibly noisy for me. There appears to be no thermostat but the

Hmmm..... having solved my RF vs. power supply problem this post made me think of a couple of things. Although my Diamond power supply was given to me, I would like it to last for as long as possible. It's a 30amp supply and has no fan in it. It does have some giant heat sinks for the four transistors on the back. The metal cover for the supply is perforated, but would it be worthwhile for me to maybe install a small fan, such as one from an old computer to either blow fresh air into the unit or to suck warm air out of it or should I use it as is and just save my money for a new one when the day comes that this one dies. For what it's worth, the terminals on my Diamond are on the front, which makes it much easier to hook up, but I have to agree from a neatness standpoint they would be better on the rear.

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net  w4jef@amsat.org |      Reserve Patrol Captain      |
|  Satellite: Mir R0MIR-1, AO-27  | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet|      QTH Birmingham, AL USA    |
*-----*
```

Date: Tue, 19 Jan 1999 21:53:02 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: jeffj@scott.net
Cc: qrp-1@Lehigh.EDU
Subject: [30272] Re: Power supply questions.
Message-ID: <19990119.215303.-4060549.6.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Unless you are running that Diamond supply at or near its ratings, I'd

recommend against installing a fan in it. The fan will just add dust and dirt to the insides of the unit, and if the heat sinks are as large as you describe them - it really may not need any additional cooling. The extra dirt may shorten the life of the unit, rather than help its longevity.

Also, check the continuous output current rating vs the intermittent, or ICAS current output. They are usually much different. This may not be a problem though, unless you intend to draw a lot of current continuously or run at QRO power levels.

Now, if you operated it in Az during the summer heat of 100+ degrees, at rated output - that'd be another story! ;-)

Just a thought. Sounds like a nice power supply. Diamond makes some pretty good stuff.

72,

.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 19 Jan 1999 21:58:15 -0700
From: Niel Skousen <skousen@srv.net>
To: qrp-l@lehigh.edu
Subject: [30273] Yaesu repair help ?? FT-757GxII
Message-ID: <v04003a01b2cb11705938@[12.7.217.207]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ok Gang,

I need a little remote viewing help here... I recently sold an FT757 to another ham. The radio has been a trooper for me (I'm the first owner..). Less than two weeks after the other ham takes ownership somethings come up..

Dan reports that as he was tuning he experienced a sudden increase in torque on the main knob and it (the knob) has ceased to tune the frequency. The up-down mic still works.

One thought is that the torque adjust has bound up and the knob is spinning on the shaft. Another (cross my fingers) is that the encoder has suffered

a mechanical failure and is causing the friction and fails to give tuning pulses.

Has anyone ever experienced a relatively sudden increase in torque on the main tuning knob ? Any other thoughts or idea's I can help Dan with ?? And Yes a call to Yaesu is on the agenda for first thing tomorrow...

TIA es 72

Niel

Niel Skousen : WA7SSA skousen@srv.net
Idaho Falls, ID QRP-L.119 fr DN33wm

Date: Tue, 19 Jan 1999 21:36:14 -0800
From: sigcom@juno.com
To: qrp-l@lehigh.EDU
Subject: [30274] AN/USM-281info.
Message-ID: <19990119.213619.-432299.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Group,

OK, I tried searching the net for about an hour and I give up. Where can I find information on the AN/USM-281 'scope? All I was able to find out is that may be equivalent to an HP 180.

OB QRP: Been listening on 28.322 MHz when band open. Nothing heard except SSB. Is anyone really operating C.W. there?

73.....Steve, WB6TNL

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 00:56:01 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu

Subject: [30275] MFJ Y2K etc
Message-ID: <a4beaa30.36a56ff1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang

I want to thank all who supported me via direct mail on the MFJ rigs.

Thank You.

'Nice to know that many don't see it as junk.

Second,

Many thanks to Peter Simpson who put in a lot of research time in regards to the QRM problem I had.

Third,

Many of you requested the Y2K clock.

If you lost the info, I have the updated version on disk.

It has sound. I think it plays a song at year 2000 DUH.

If you want it, *E* mail me.

and last.

I have to bail out of here next week for a while.

Have two more rigs to build and want to spend more time outdoors.

Look over my non ham site at <<http://www.angelfire.com/nj/IamSF5/index.html>>

Type just as you see it.

All the items for sale are gone.

Things move fast on this list.

One more thing.

I love the MFJ rigs and have made many mods but I do not have anything to do with the news letter or MFJ Staff, tech department or repair.

Makes me feel important though. HI HI.

I'm just a unofficial MFJ Zombie # 1

72/73

Bob

WA2HOQrp <tm>

Date: Tue, 19 Jan 1999 22:34:05 -0800
From: talljazz@teleport.com (Dan Presley)
To: qrp-1@LeHigh.edu
Subject: [30276] corrected fox log 1/15/99
Message-ID: <v01530509b2cb2763f370@[216.26.7.10]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK-here's the corrected version. My apologies to 2 hunters who got inadvertently left out of the first log.

CALL	UTC	RST	RCV	RST	Sent	SPC	Name	QRP-L #/Pwr
KU7Y	301	57N		55N	NV	RON	17	
K2VCO	302	5NN		55N	CA	VIC	99	
WE6W	303	5NN		55N	CA	ED	1068	
N6VZ	304	55N		55N	CA	GARY	919	
AK7Y	305	55N		55N	AZ	Greg	1693	
NQ7X	306	55N		55N	AZ	FLOYD	343	
WJ7H	307	55N		55N	UT	WAYNE	481	
K1MG	208	RNN		55N	CA	MIKE	614	
N6WG	309	5NN		55N	CA	BOB	26	
K5ZTY	311	55N		55N	TX	BILL	473	
WW7Y	312	55N		55N	UT	STEVE	94	
K50N	313	569		559	NM	GARY	770	
W6SIY	314	56N		55N	CA	KEITH	675	
K50I	316	55N		55N	NM	TIM	73	
VE5RC	317	52N		55N	SK	BRUCE	886	
AB7MY	319	55N		55N	AZ	GARY	571	
N5TW	320	55N		55N	TX	TOM	1474	
W5SB	321	55N		55N	TX	BILL	1279	
KI0II	322	549		55N	CO	RON	928	
KK5LD	324	45N		55N	TX	DAN	5W	
AB7CE	325	5NN		55N	MT	ROY	4W	
N0RN	328	55N		55N	CO	BOB	1789	
AA5TA	329	55N		55N	TX	LARRY	1245	
KI7MN	330	57N		55N	AZ	BOB	271	
N5JKY	332	55N		55N	OK	MIKE	300	
KQ5U	335	55N		55N	TX	LARRY	1603	
VE6EWM	337	33N		55N	AB	EARL	1076	
N0TU	338	55N		55N	CO		911	
AB0GO	339	55N		55N	CO	DAVE	785	
AB5UA	341	52N		55N	OK	CLIFF	478	
W5HNS	343	33N		55N	TX	HENRY	178	
W9UQB	345	549		55N	AZ	MIKE	413	
K0EVZ	346	549		55N	ND	DOC	861	
KC5T	347	55N		55N	TX	BOB	1792	
K5JHP	350	33n		55n	TX	BILL	825	
KK7GG	352	55N		55N	OR	MIKE	60W	
AB5PC	355	58N		55N	KS	VERN	5W	
W0RSP	356	55N		55N	SD	ADE	661	
N5LU	359	44N		55N	OK	BILL	5W	
N4ROA	400	54N		55N	VA	DAN	970	
AI4CW	402	33N		55N	AL	DON	1670	
AE4IC	405	54N		55N	NC	BOB	54	
W0PFR	406	58N		55N	IA	TERRY	5W	
K0TT	409	55N		55N	MN		1455	
N1TP	412	33N		55N	FL	TOM	1317	
N5JI	413	33N		55N	TX	DICK	1054	

W5YR	415	55N	%%N	TX	GEORGE	1373
WS4S	418	54N	55N	TN	CONRAD	993
W5TB	423	34N	55N	TX	DOC	673
KA4BMK	424	57N	55N	FL	DAN	5W
K4IMA	426	54N	55N	KY	PETER	4W
WS8D	433	44N	55N	MI	KEN	1188
AC6AN	456	54N	55N	CA	ORI	5W

Date: Tue, 19 Jan 1999 22:35:46 -0800
 From: "Radman" <radman@best.com>
 To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Cc: "Ed Loranger" <we6w@juno.com>
 Subject: [30277] OHR-100A ..a QSO w/ Dick !
 Message-ID: <199901200632.WAA03273@proxy4.ba.best.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=ISO-8859-1
 Content-Transfer-Encoding: 7bit
 Content-Transfer-Encoding: 7bit

Gang,

Lots of great posts on the OHR-100A lately ! It prompted me to have an email "QSO" with Dick at Oak Hills re: "L114." I guess he's been following all of the posts on QRP-L and told me: "it wouldn't hurt to add another 2 turns to L114." He went on to say that he'll revise the OHR-100A documentation to reflect this change "on the next batch." So, a great product gets better... and a bit easier to align :-)

For the record, I built my OHR-100A (40M) over a year ago and found L114 challenging, but not impossible to align if the toroid was wound not "overly-tight." This technique allows you to more easily "spread" the coil windings and sort of slide them closer together and toward the base of the toroid/PCB and hit the alignment frequency -- then the Happy Dance followed by nail polish or wax to L114 :-) !! And, unless I have my OHR-100A packed on some airplane, I keep mine ON all the time to monitor 40M... or work QSOs. To date it's logged 8,953 hours of ON-time in receive mode. This rig could become the Cal Ripkin of the QRP rigs -- most consecutive hours played ;)

Thanks to Dick at Oak Hills Research -- a class act !

vry 72 - Conrad Weiss - NN6CW

ps... does anyone have an AGC mod for the 100A? Uh-oh...
here we go ;)

Date: Wed, 20 Jan 1999 02:11:44 EST
From: SKIPNC90@aol.com
To: ataylor@heracles.llnl.gov, qrp-1@Lehigh.EDU
Subject: [30278] Re: SOLD: IC720A
Message-ID: <5f60ece3.36a581b0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 99-01-19 13:54:49 EST, ataylor@heracles.llnl.gov writes:

<< The IC720A that I mentioned here a few weeks ago as been sold by the
executor
of the estate to W6LL in Oakland CA. There is still a 2KW amp available...!!!

K7GT

>>

Gee Allen, I do not think my 49er needs a 2KW audio amp. Thats what it's for
isn't it?

Couldn't resist.

73, Skip NC90

Date: Wed, 20 Jan 1999 02:57:40 EST
From: Ed Loranger <we6w@juno.com>
To: Dan_Tayloe-P26412@email.mot.com
Cc: qrp-1@Lehigh.EDU
Subject: [30279] Re: Cutting board stock?
Message-ID: <19990119.235201.4671.1.we6w@juno.com>

Friends, I've been real busy and missing out on all the
exciting discussions. But this one caught my attention

because it is something us homebrewers are faced with quite often.

Cutting PC board to me is usually something rough cut then later sanded or filed to fit. I do ugly construction, and I mean ugly :)

For the most part I use wide packing tape and tape the board to a table anywhere in the house :) It is wise to avoid the dining table at dinner time :)

I tape the board and hacksaw until it drops. Of course I scratch a line in the copper so I can see where I need to go. Sometimes I use the black marker.

Now that's what I call my \$.02 worth :)

-Ed

72, Ed WE6W, AR Millennium QSO's=134/2000

<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 02:57:40 EST

From: Ed Loranger <we6w@juno.com>

To: PUNISHER3@aol.com

Cc: qrp-l@Lehigh.EDU

Subject: [30280] Re: ahhh! anybody good with dos? (minimizing screen) (qrp)

Message-ID: <19990119.235203.4671.5.we6w@juno.com>

I think you should try:

ALT-ESCAPE to minimize.

AND a good one to at least see the screen by making the window smaller is: ALT-ENTER.

Hope it works.

72, Ed WE6W, AR Millennium QSO's=143/2000

<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

On Tue, 19 Jan 1999 20:11:13 EST PUNISHER3@aol.com writes:

>Hi guys. You have answered my questions before, so i know you can

>answer this
>one. When i am on my radio, i also use my computer for logging and
>other
>things, so i usually have at least 2 dos screens up (minimized) on the
>desktop, but i'm not sure what i did today, and all the sudden the
>screen
>maximized, so now i can't go to the other dos box because this first
>one is
>open and i don't know how to minimize it. I would LOVE to find out
>how to
>minimize it back to normal.
>
>thanks a bunch,
>Ben
>KM7DX Redmond, Wa
>

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Date: Wed, 20 Jan 1999 03:23:38 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Cc: Laurel ARC <larc-l@webtrek.com>, eax@w3eax.umd.edu
Subject: [30281] Dayton QRP Banquet - prize donation & ticket sales!!!
Message-ID: <Pine.LNX.3.95.990120010048.27506j-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

2250 Patterson St. #50
Eugene, OR 97405 USA
January 17, 1999

Dear fellow QRPers!

I am writing to inform you of the upcoming 1999 Dayton QRP Banquet, to be held May 14, 1999 at 7:30 p.m. in Miamisburg, OH during Dayton Hamvention weekend. I request your assistance in making this the most enjoyable, most successful QRP Banquet ever through a generous contribution of one or more door prizes.

It seems like only yesterday that I was writing to ask if you'd like to contribute a door prize for the 1998 Dayton QRP Banquet. Thanks largely

to you and others, it was an enormously successful and enjoyable event.

As you know, QRP is an active and rapidly growing sector of amateur radio that focuses on operating with 5 watts or less of output power. It straddles all aspects of ham radio from 160 meters through UHF, ragchewing to contesting to DXing, CW to SSB to ATV to Pactor, and emphasizes efficient station construction and skillful operation. Many of us QRP operators enjoy building gear from scratch, assembling kits, and operating from remote locations using lightweight equipment, solar power, and portable antennas.

Sponsored by QRP Amateur Radio Club International (ARCI, found at <http://www.qrparci.org>), the 1999 Dayton QRP Banquet expects 250 attendees who will enjoy a sumptuous buffet and inductions into the QRP Hall of Fame, in addition to meeting other QRPers from all over the world.

Prize donors will be publicly thanked during the banquet for their support, and lists of prizes donated will be posted at <http://w3eax.umd.edu/~ham/1999banquet.html> (my banquet web site), at the banquet, and to QRP-L.

If you'd like to donate a door prize, please contact me. I can be reached via e-mail at ham@w3eax.umd.edu, phone at 541-346-7401, or mail at the above address. In addition, if you'd like to attend the banquet, tickets are \$25 per person. Checks for the banquet should be made out to QRP ARCI and sent to me at the above address, with an SASE if you want tickets to be mailed to you.

If you would like to donate one or more door prizes, please notify me. Prizes should then be sent to:

Leonard Young KS4RN
4836 High Forest Dr.
Duluth, GA 30136 USA

(770) 662-0909
lcyoung@bellsouth.net

I look forward to hearing from you, and thank you for you time.

72 and best wishes for 1999 & beyond,

Scott Rosenfeld, N7JI (ex-NF3I)
QRP Banquet Chairman

Maybe even see you in Dayton, where it doesn't even rain anymore since

they moved the fest back two weeks!

Date: Thu, 21 Jan 1999 12:48:17 -0600
From: k5zty@juno.com
To: qrp-1@lehigh.edu
Subject: [30282] Hot Water Contest
Message-ID: <19990121.124928.10310.2.k5zty@juno.com>

GM to the Gangue,

I hope I have translated the UTC times correctly for the contest this weekend. As I read it we start at 6:00am CST on Saturday. Please don't leave me out there all by myself on 40 meters at that time of the morning. My souped up HW8 (Baby) and I will be pumping out 1 1/2 big watts, but we get lonely and scared if we don't get an answer pretty soon and we give up and go to the club breakfast and local ham store parking lot swap where we have the company of some other hams that are crazy enough to get up at that hour on Saturday morning. So EVERYBODY get up at the crack of dawn and give us an call so we won't get lonely.

72 until 12:00z Sat.
Bill, K5ZTY and Baby
Houston, TX
k5zty@juno.com

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 03:50:01 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [30283] FS: TenTec 1330 30M qrp rig
Message-ID: <19990120115001.1401.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

For sale: TenTec 1330 30M qrp rig, nice shape, works fine. One small scratch on top cover, otherwise fine. Original manual included.

\$75 shipped

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 20 Jan 1999 06:45:49 -0600 (CST)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [30284] y1K
Message-ID: <6518-36A5CFFD-181@mailtod-122.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

It is a little known fact that the yk1 problem caused the dark ages.
<grin>
k1zw

Date: Wed, 20 Jan 1999 08:28:10 EST
From: Bigbob97@aol.com
To: QRP-L@Lehigh.edu
Subject: [30285] RFI wireless modems
Message-ID: <6df71a91.36a5d9ea@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,
Did I miss the explanation? How did TCI , etc., manage to mistakenly put their products on the ham bands? What about the "system" - "type accepted" or whatever. I am sure that there are charts showing the ham bands in every electronics book - and the engineers must know about how the RF can radiate. Not wanting to place blame - but what happened here? It's not that we don't have a government that's supposed to regulate these things. Perhaps everyone just underestimated the situation. ?? 73,
Bob WB2DHK in Jersey City, NJ

Date: Wed, 20 Jan 1999 06:47:02 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Larry B <ac5ez@webtv.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30286] Re: y1K
Message-ID: <Pine.BSI.3.96.990120064640.25898A-100000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 20 Jan 1999, Larry B wrote:

```
> It is a little known fact that the yk1 problem caused the dark ages.
> <grin>
> k1zw
>
    That's good.  I like that.
```

```

      ,-----'
    /          \
   /    What's all this    \
  / extinct stuff, anyhow? \
 \          _              /
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      \\      '-| )_| :.
       \\      | | | | \ '.
        c--; c--; '...'>._

```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Wed, 20 Jan 1999 08:47:28 EST
From: ka7you@juno.com
To: QRP-L@LeHigh.EDU
Subject: [30287] QRP shack computer
Message-ID: <19990120.060334.30071.1.ka7you@juno.com>

I've seen reference to Class A and Class B computing equipment. As I recall, one class is better shielded than the other, but I can't find the reference.

Since I don't need fifty responses, how about just the W7's respond?

OK?

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 and others

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 07:55:19 -0600
From: Jeffro <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [30288] SW40+, operating impressions
Message-ID: <030701be447c\$8404e7a0\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

All,

I have spent quite a bit of time with my recently completed SW40+. I built it using the Elmer 101 info from QRPp. I really enjoyed building it and attempting to learn something about the magic that makes these critters operate. More on building impressions later on this email.

I put my board in a small computer A/B switch box, must have paid 50c for. I used parts I had around the shack for jacks, pots, etc. I wired the power cord directly to board and toggle switch.. no power connector, used standard connector for key and headphones. Used the knobs off the switch box and an additional one had around.

My first QSO was QRP-QRP and taked for over 45 minutes. The VFO seems very stable. The receiver sure seemed to be able to pull in the signal, and separate if pretty well. The receiver sounds real good in the headphone. The sidetone is very pleasant. Very easy to tune, not overly sensitive, no need for 10 turn pot as far as I am concerned. The tx wave form on my scope was quite pretty. Get over 2 watts with power not up all the way. I really like the QSK. The rig seems to attract other QRPers. Seem to find them calling more with this rig, and when I call CQ, more seem to come back to me. I am sure Dave designed the rig this way. :*) I was talking to K0WVL, Jim in Minot, SD for quite a while this am. He commented on the really nice tone of the rig and wanted me to send him info so he could order one. I also

listened to the TX out on both my Corsair and Knwd 850 and was very pleased.

I have built MANY MANY kits. This one seems to operate very nicely. Don't seem to ever have trouble making contacts any time of day using my G5RV, only up about 20 feet. I have now operated during storm conditions.. loud QRN and crowded conditions and such. I am very pleased with the rig.

Building:

I found the kit very easy to build, I used the Elmer instructions. very few toroids, good winding instructions, not too many parts. One of easiest to tune up. Two transformers for TX.. and they adjust very easily and only one for rec, and it seemed to be pretty broad banded. No TX/REC offset and such to mess with.. always the one adjustment I mess with the most.. till I tweak just right. All adjustments had been done while building.. mostly put in case and got on air.

For beginner, only problem is parts are pretty dense and close on board.. but not too much of problem. Have to be very careful to place parts correctly, board hates to be desoldered and there are numerous traces on top of board.. pretty easy to mess up.

I highly recommend this kit.. It is very nice to have fun building it and then really have a quality rig to play with when you are done.. I am enjoying the bizoozees out of this.. my new/old Corsair I that I waited about 5 years to find hasn't been turned on much since the Sw40+ landed on my bench.

72

Jeff, AC4HF

Date: Wed, 20 Jan 1999 08:58:35 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: eakwikjr@hti.com, qrp-1@Lehigh.EDU
Subject: [30289] Re: SWR readings
Message-ID: <19990120.085847.-17121.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed and Group

That excellent question brings up a good point to remember... the antenna tuner does not alter or change SWR on a transmission line or

antenna, it only allows the transmitter to look into it's design impedance.

John
N3AAZ

.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 09:14:48 -0500 (EST)
From: afpgreg@state.me.us (Paul V. Gregory)
To: qrp-l@lehigh.edu
Cc: cw@qth.net
Subject: [30290] How to QRP/Cw OP FROM Brasil?
Message-ID: <199901201414.JAA02713@gatekeeper.ddp.state.me.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ahoy,

I may be going to Brasil in April and was wondering if I can operate from PY-land. Advice on what agency to contact, fees, etc is welcome!

Date: Wed, 20 Jan 1999 07:41:05 -0700
From: Steve Kubisch <WW7Y@sisna.com>
To: qrp-l@lehigh.edu
Subject: [30291] Johnson Matchbox Questions
Message-ID: <36A5EB01.DFCF4116@sisna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

Well, finally found a Johnson Matchbox, that I have been casually looking for for about 10 years. I've read about them from Doug Demaw and others, but have never used one.

So to those of you who have, what procedures work the best for operation? I don't have the manual and would like a copy of one, if anyone out there has one.

On another note, I have worked ZL9CI on Campbell Island several times with 5W, and my wife thinks I'm crazy as I run around the house telling everyone I worked them with 5W. I still get a thrill that just isn't as good with 100W. It can be done, and easily. If the Argosy can do it, the Sierra can at 1W. Goal for today!

72,

--

Steve Kubisch -WW7Y-
640 East 250 North
Centerville, Utah 84014
WW7Y@sisna.com
QRP-ARCI #8559 NorCal #258 QRP-L #94

Date: Wed, 20 Jan 1999 08:47:43 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <qrp-l@lehigh.edu>
Subject: [30292] Li-Ion batteries and QRP
Message-ID: <000701be4483\$d6f77a20\$8dc9ce80@nathan.missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just wondering if anyone has used a Lithium-Ion pack with a QRP rig. I have been researching them for some time, and have discovered it's nearly impossible to purchase cells, controllers, etc. to make up a pack (this is because of the safety dangers inherent in the misuse of Li-Ion cells). However, if a guy has a little money, he can pick up a charger and pack for one of the newer camcorders. These packs seem to range from 1500mah to 4000 or so - quite big by QRP standards. The best thing about them is that they're *light*. My little Yaesu VX-1R uses a single cell pack and it's amazing how long it'll run off the thing. Since the cells are usually around 7.2v, you'd have to gang a couple up in series for QRP use (giving you a fairly standard 14.4v). I want to get this together sometime soon, but if anyone else decides to go with this, I'd be interested in hearing how it works out. One item worth mentioning, though - it's probably NOT a good

idea to mount the pack in the radio chassis. As I said before, there are some safety concerns here, and in my experience it's best not to push your luck with things like this. Anyhow, just thought I'd throw this out there and see where it ends up!

Nathan

KB0NNV (studying like mad for 13WPM so I can use my 30M SST!)
Columbia, MO

Date: Wed, 20 Jan 1999 09:55:09 -0500
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-l@lehigh.edu
Cc: prvalko@oakland.edu
Subject: [30293] Fox: N2SMH log 1/20/99
Message-ID: <852566FF.0051E670.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Well, it was a better outing than my first attempt in terms of number of QSOs but still a tough night. Deep valleys in propagation were the cause of many instances of "QRZ?" and "AGN?" There were times when the pack completely retreated into the noise and/or was drowned out by QRM from other ops in the vicinity.

Still, it sure was fun being the object of all that attention. How else is a garden variety N2xxx going to draw a crowd like that?

Thanks to Paul, W8KC, for administering the whole show. And a great big thanks to all the fine operators who hung in there with me, poor sending and all. Every fox says this and I now know it's true: QRPers are the best!

So here goes:

TIME GMT	STATION WORKED	FOX RST	HOUND RST	HOUND QTH	HOUND NAME	QRP-L# OR POWER
----	-----	---	---	---	----	-----
0101	N1TP	569	559	FL	Tom	1317
0104	W5YR	559	559	TX	Geo	1374
0104	K0EVZ	559	559	ND	Doc	862
0106	VE3JC	589	579	ON	John	744
0106	N4ROA	559	569	VA	Dan	970
0107	WB8RCR	529	559	MI	John	1446

0108	WD8KQY	599	569	OH	Gary	446
0110	N5WI	559	559	TX	Dick	1054
0112	N5TW	559	559	TX	Tom	1474
0115	K5ZTY	559	569	TX	Bill	473
0116	N8VAR	559	559	OH	Ron	263
0117	N0AR	559	559	MN	Scott	1455
0118	K8IQY	559	559	MI	Jim	181
0119	VE5RC	229	559	SK	Bruce	886
0121	KG4ADU	559	569	GA	Chuck	1785
0122	W8SFF	559	579	MI	Steve	1288
0123	WS4S	559	559	TN	Conard	993
0125	AK7Y	559	559	AZ	Greg	1693
0126	N9KW	559	569	IL	John	1257
0127	AB8DF	559	559	MI	Ed	1444
0128	NU4N	559	569	KY	Dave	1096
0130	KK5LD	559	559	TX	Dan	5W
0132	K5LN	559	559	TX	Bill	1794
0133	W0PFR	539	559	IA	Terry	1837
0134	K50N	569	559	NM	Gary	770
0136	K8CV	559	559	MI	Walt	935
0136	NF0R	559	569	MO	Dave	33
0139	KA4BMK	559	559	FL	Jim	5W
0141	AB5UA	559	559	OK	Clif	478
0142	NQ7X	559	559	AZ	Floyd	343
0143	N0UR	579	579	MN	Jim	799
0144	AA5TA	449	559	TX	Larry	1245
0146	N1FN	559	569	CO	Marshall	153
0147	N0EA	569	569	MO	Wayne	1058
0148	K4IMA	549	559	KY	Joe	4W
0149	KU7Y	449	449	NV	Ron	17
0151	N9IEP	579	569	IL	Jerry	200W
0157	K1MG	539	449	CA	Mike	614
0158	W0RSP	459	339	SD	Ade	5W
0203	KQ5U	449	449	TX	Terry	1603
0209	W0CH	579	569	MO	Dave	618
0211	AF5Z	579	559	TX	Bob	984
0212	N9DD	599	569	IN	Tom	32
0213	VE2KN	559	559	QC	Jim	103
0214	N5LU	559	559	OK	Bill	5W
0215	N8IE	559	579	OH	Dan	1404
0217	K5OI	559	559	TX	Tim	73
0221	KC5T	559	559	TX	Bob	1792
0223	AB5WX	559	559	TX	Dave	1718
0226	AI4CW	559	559	AL	Don	1670
0228	AB7CE	559	449	MT	Roy	4W
0231	W5TA	559	449	TX	Dock	5W
0234	KS4HQ	559	559	NC	Bob	801
0236	K4JPN	599	559	GA	Steve	1095

0237	KI0II		549	559	CO	Ron	928
0241	KS4L		549	559	AL	Randy	468
0242	W2XN	229	559	FL	Fred		1728
0243	KF4KSM		559	559	FL	Mac	704
0244	K7TQ	339	449	ID	Randy	102	
0250	W5JAY		559	449	AR	Jay	1201
0251	W2IV	589	569	NY	John		1193
0253	K00I		559	559	IA	Mark	625
0256	AE2T	599	569	NY	Al	1664	
0259	WS8D	119	449	MI	Mike		1188

							64 QSOs

72,
David N2SMH
Glen Rock, NJ

Date: Wed, 20 Jan 1999 08:07:47 MST
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [30294] FINAL CALL: 10 KOhm 10-turn potentiometer group buy
Message-ID: <19990120150748.7349.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

Hi Everyone,

I'd like to finalize the group buy order by this Friday, so here is the final call for folks to join in for the second 10-turn 10Kohm potentiometer group buy!

The pricing is the same as last time, \$7 per pot, with the exception that priority mail shipping is now \$3.20. I'll still take \$2 for individual pots and \$4 US covers global priority postage to Canada. Note that these pots usually sell for \$11.50 (+ shipping) or more from Mouser.

Once again, this is BI Technologies part #7286 10K L.25, a smooth-tuning, wirewound, 10-turn 10Kohm potentiometer. It makes a nice upgrade to your regular linear single-turn 10Kohm tuning pot in rigs like the OHR, NC40, TenTec, etc., and of course, the soon-to-be-here NC20. The first group buy was put together for the NC20 and Dave AD6A reminded me that "this pot was the one we laid the PCB of the Norcal 20 out for. It will fit straight in with a very small amount of lead

trimming (with normal sidecutters)."

Here's the updated order form. If you haven't done so already, drop me an email letting me know how many you want so I can keep track of how many I should order. I'll be e-mailing out confirmations of payment as I did last time.

Instructions:

- 1) Include a self-addressed mailing label please!
- 2) Calculate the amount you should send me. If you can, include the order form below or some other reasonable facsimile (either print this or write it on paper or a QSL card, anything is fine).

----- 8< cut here 8< -----

Name and Callsign: _____

Quantity: _____ x \$7.00 = \$_____

+

Shipping: \$ 3 . 2 0
(Single pots can send \$2.00,
Canada, please include \$4.00)

=

Total: \$_____

----- 8< cut here 8< -----

- 3) Please send a check or money order in US Funds payable to Jerry McCollom. I cannot accept checks made out to Norcal.
- 4) Put the mailing label, order form, and payment in an envelope and mail it to:

Jerry McCollom, W0MC
1442 Silk Oak Drive
Fort Collins, CO 80525

Deadline for payment this go round is January 30, 1999.

72,
Jerry
WOMC

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 20 Jan 1999 09:24:17 -0600
From: "Robert Radtke" <rradtke@hutman.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30295] SST Question
Message-ID: <003301be4488\$f21b77c0\$501a09ce@bertha.hutman.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All -

I just finished building a Wilderness SST Kit (my first kit - yeah!!!!) and everything worked great straight out of the box. I have 2 questions though.....

1. I had a very hard time running it through my MFJ tuner. I got a much higher SWR when running the SST than with my other rigs (Kenwood 520 and Heath HW-7). When I adjusted the tuner to lower the SWR, I couldn't hear nearly as much as when I bypassed the tuner. What's happening?????

Is the antenna impedance from the SST something very different than 50ohms?
Is the tuner just sucking up that much RF in it's circuitry?

Any ideas would be great.

2. At one point I found a great web page that had an archive of discussion on the SST with all sorts of mods and hints. I lost the bookmark and can't seem to find it again. If anyone can point me in the right direction I'd appreciate it.

Thanks in advance,

Robert Radtke - KC0EJW

Date: Wed, 20 Jan 1999 10:31:58 -0500
From: "Paul Christensen" <paulc@mediaone.net>
To: <rradtke@hutman.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30296] Re: SST Question
Message-ID: <00f101be448a\$05c00b00\$26a898a9@mediaone.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Robert:

Here's the web page reference to the SST mods:

<http://www.homeusers.prestel.co.uk/g3ycc/sst1.htm>

-Paul, W9AC

----- Original Message -----

From: Robert Radtke <rradtke@hutman.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, January 20, 1999 10:24 AM
Subject: SST Question

>Hi All -

>

>I just finished building a Wilderness SST Kit (my first kit - yeah!!!!) and
>everything worked great straight out of the box. I have 2 questions
>though.....

>

>1. I had a very hard time running it through my MFJ tuner. I got a much
>higher SWR when running the SST than with my other rigs (Kenwood 520 and
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>

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>

>

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>on the SST with all sorts of mods and hints. I lost the bookmark and can't
>seem to find it again. If anyone can point me in the right direction I'd
>appreciate it.

>

>Thanks in advance,

>

>Robert Radtke - KC0EJW

>

>

Date: Wed, 20 Jan 1999 07:33:01 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30297] Re: y1K
Message-ID: <Pine.SOL.3.96.990120073158.28554A-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Y2K will end global warming!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 20 Jan 1999 07:46:52 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <rradtke@hutman.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30298] RE: SST Question
Message-ID: <000001be448c\$191e9f20\$a505b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Robert,

You have one or two problems. Either your output frequency is much different than the band for which it was built and/or you are transmitting a number of harmonics and spurs. If you have a scope, it would be simple to determine if

or which. You want to see a very clean sine wave on the output and of course at the freq for which the rig was built. A tell tale sign of spurs/harmonics is your watt meter will indicate significantly more power than the unit is designed to deliver.

I don't know if the SST has a drive control, but if so try backing way down on it and see if that helps with the output waveform. If the SST sidetone monitors actual RF (Others experienced with this rig can comment here) back down on the drive control until the sidetone sounds clean. Also, if you have another radio at your disposal, listen for the signal to be clean and crisp. If it is raspy and/or you hear the signal up and down the band, you have spurs/harmonics.

If any of these effects are present, the most common problem is in the output filter of the rig. Check all of your connections and coils in the filter. Drive stage problems are also suspect. These are generalized troubleshooting techniques, others may have specific pointers for the SST.

Good Luck

Roger KD6CC

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of

> Robert Radtke

> Sent: Wednesday, January 20, 1999 7:24 AM

> To: Low Power Amateur Radio Discussion

> Subject: SST Question

>

>

> Hi All -

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> higher SWR when running the SST than with my other rigs (Kenwood 520 and

> Heath HW-7). When I adjusted the tuner to lower the SWR, I couldn't hear

> nearly as much as when I bypassed the tuner. What's happening?????

>

> Is the antenna impedance from the SST something very different

> that 50ohms?

> Is the tuner just sucking up that much RF in it's circuitry?

>

> Any ideas would be great.

>

>
> 2. At one point I found a great web page that had an archive of discussion
> on the SST with all sorts of mods and hints. I lost the bookmark and can't
> seem to find it again. If anyone can point me in the right direction I'd
> appreciate it.
>
> Thanks in advance,
>
> Robert Radtke - KC0EJW
>
>

Date: Wed, 20 Jan 1999 07:46:11 -0800
From: Dave Barrett <DBarrett@creo.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [30299] Lithium Ion Battery packs
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB94CAB5@msgcreo2.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain

The neat thing about Li Ion camcorder batt packs is that they are configured as flat cells in a series connected battery. If one pulls the pack apart (carefully so as not to short anything out.....ouch burny fingers :-() The separated cells are approx 1/8" thick!! This leads to all sorts of idea's for building into a slim line case for a "hidden battery" style QRP rig.....HHHmmm idea's 'eh.
Dave (Recumbent) Barrett VE7PCC Vancouver BC
Canada

Date: Wed, 20 Jan 1999 10:49:24 -0500
From: "Jeff Davis (N9AVG)" <jeff@jehosopha.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [30300] TenTec QRP Kits
Message-ID: <19990120104924.E9494@jehosopha.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Sorry for the bandwidth, but I have lost a few links and was thinking I had a link to a site that reviewed the 1340 (20 and 30) kit.

Can anyone send me the URL?

Thanks!

--

72 de Jeff, N9AVG

Date: Wed, 20 Jan 1999 08:49:37 -0700

From: jaywa5whn@juno.com

To: qrp-1@lehigh.edu

Subject: [30301] Propagation charts {1 watt MUF probabilities}

Message-ID: <19990120.084951.-229787.0.jaywa5whn@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Every few weeks, I point my browser to this site. I find these MUF charts very useful, since they are plotted for

2 power levels {1 watt & 1500 watts}.

In less than a few weeks, FYBO 1999 will be operational. I am not a solar prognosticator. I will leave that job to the professionals, NA5N & AB70A. I have been looking at the 1 watt charts for FYBO 1999. WOW! Pack those 10/15/20 meters qrp rigs. According to the charts, it looks like we can work most the G-QRP Crew & all of Asia & South America from DM54.

<http://www.concentric.net/~jerrhall/gotocharts.shtml>

For FYBO 1999 information, view the following url;

<http://www.extremezone.com/~ki7mn/>

click on QRP Contests, {Feb. 6}.

Soon to be from
DM54ba, for FYBO 1999. Would someone please send us an ice machine? ;-)

72

...Jay WA5WHN/7

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 10:52:05 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [30302] Re: RFI wireless modems
Message-ID: <36A5FBA5.432C@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bigbob97@aol.com wrote:

> Hi all,

> Did I miss the explanation?

I think so, but it wasn't discussed in great detail on QRP-L (a bit off topic). Part 15 allows the use of virtually ANY frequency relatively low levels. Unfortunately, those low levels are an S9+ signal at 100 feet from the source. See <http://www.arrl.org/tis/info/rfiteljx.html>. (Those who don't have Web access, email me; I will send you a hard copy).

> How did TCI , etc., manage to mistakenly put
> their products on the ham bands? What about the "system" - "type accepted" or
> whatever. I am sure that there are charts showing the ham bands in every
> electronics book - and the engineers must know about how the RF can radiate.
> Not wanting to place blame - but what happened here? It's not that we don't
> have a government that's supposed to regulate these things. Perhaps everyone
> just underestimated the situation. ?? 73,

Yes, it was indeed a mistake, but one that is permitted by Part 15. I am studying the feasibility of asking the FCC to add HF ham bands to the list of frequencies on which intentional emitters and carrier-current devices cannot be used. Phonex and TCI did what is permitted, and then had to undo it when harmful inteference happened. THEY sure wish they had chosen 3.3 MHz the first time, a frequency not in common use in residential neighborhoods.

Again, please send me reports on any actual problems with these devices, even if TCI fixes them okay. I can also help resolve any difficulties you have with local TCI offices or help you determine if it is modem or perhaps some other non-TCI equipment.

73,
Ed, W1RFI

Date: Wed, 20 Jan 1999 07:53:33 -0800
From: David Shalita <af389@lafn.org>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [30303] SPICE model -Transmission line transformer
Message-ID: <36A5FBFD.9144F268@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,
I want to try a SPICE run on a 2N5109 or similar broadband amp,
using both Conventional and Transmission Line Transformer
as collector loads and interstage coupling.
Frequency range will be 1 to 50 mhz range.

Does anyone have a SPICE model for a Transmission Line Transformer?
A 4:1 transformer is used in so many QRP designs.
Example, 10 turns #28 awg bifilar wound on FT37-43 core.

I think my SPICE model for a conventional transformer design needs
parasitics added to be more useful at higher frequencies.
Or, is Model OK as is for 50 mhz and harmonics?
See next few lines.

*SPICE Model Transformer - 4:1 - Conventional
Lpri 5 7 128E-6
Lsec 6 0 8E-6
* N1/N2= SQRT(Lpri/Lsec)
KLpri_Lsec Lpri Lsec .9999999

Any help with "usable for HF" SPICE models for either type transformer
will be very appreiacted.

Thanks, 73, W6MIK

--
David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Wed, 20 Jan 1999 11:01:32 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-1@Lehigh.EDU
Subject: [30304] Software...event recorder?
Message-ID: <v03110704b2cb9cd6807f@[132.235.81.68]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Forgive this question as it is not realllllly QRP related...

I'm looking for a software package that would allow my PC (or Mac) to become an "event recorder." That is, it would be able to sample wind speed and direction via sensors connected to the serial port and plot it out on a minute by minute basis. That way you can get an idea of your areas windspeed and direction over the period of a day, week, month, etc.

This would be pretty nice to have because you could also use it to detect voltage fluctuations on AC lines, power supplies, anything that is intermittent and hard to track down. (With the right interfaces of course!)

Thanks for your help and leniency...

Greg
NS80

Date: Wed, 20 Jan 1999 08:05:27 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <ka7you@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30305] Re: QRP shack computer
Message-ID: <360101be448e\$b4e9ab50\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Since I don't need fifty responses, how about just the W7's
respond?
>Rod Johnson

Oh no! He's going by call sign districts. I always hate it when the
DX station goes by call sign districts. I get all schizophrenic.

Mike K1MG/6 (1? or 6? 1 no, 6 no, I mean 1 yes I'm
definitely almost sure it's 1, I mean 6 arghhh!)
Saratoga, CA

PS: Class B is for equipment used in residential areas, and has more
stringent radiation limits than for class A equipment, which is used
in commercial or industrial applications. Does this mean that I won't
get a QSL because I answered out of turn?

Date: Wed, 20 Jan 1999 10:12:06 -0600
From: Vann G Lantz <vlantz@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [30306] One More Time
Message-ID: <19990120.102146.4062.1.VLantz@juno.com>

OK. Here is the next chapter in the antenna novel. I put up the invert
vee and I did get a signal report from a local ham friend in the city.
He said he could here a low signal, and we determined that, yes indeed,
that was me. Some of the problem is the locality of the antenna to the
power lines coming into my house. They run parallel to the antenna and
about 7 feet above it. I know this can't be good. Any thoughts??

I am going to move it tonight. If I can get it up, I will let the list
know. I am still looking forward to that first QSO.

My equipment is a Ramsey 1 watt qrp transmitter. I can operate around
7.110. It has a minimalist VFO. I get about 7.08 to 7.115.

Vann Lantz, KF4QHJ, AL - VLantz@Juno.Com
QRP-L #1790, AR QRP #241
Ramsey 1 watt TX, Atlas 210-X RCVR, 40M Dipole
[Http://members.xoom.com/VLantz/home.htm](http://members.xoom.com/VLantz/home.htm)
"If there is no God, then who pops up the next Kleenex in the box?"

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 11:35:56 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp-l@blacksheep.org,
towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com
Subject: [30307] Update on Radiotron
Message-ID: <Pine.GS0.3.96.990120112443.27848E-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I want to thank all those who made offers of help on locating a Radiotron Designer's Handbook. Think the quest is now fulfilled.

I have heard that the CDROM version is available on closeout at one source. I hope that does not mean that the CDROM will disappear as did the paper version. Those who have them should preserve their CDROMs carefully, since someday someone will ask if they can make a copy on a read-write ROM machine (after copyrights run out, of course).

I tend to place the Radiotron in roughly the same category as Terman's Radio Engineers' Handbook as a valuable resource. With current compendiums of electronics using so much space on the latest sophistications of basic concepts, much of the fundamental material has been omitted and needs a helpful foundation from Terman and from Langford-Smith (editor of Radiotron). {Side note: even Gary Breed is concerned that in the UHF/microwave wireless field, some older and still very useful fundamentals may become lost in the flow of the very latest developments and will devote space in his journal (Applied Microwave & Wireless) to seeing that this does not happen.}

Again, my thanks to all who responded. Nice to know that there are so many helpful folks in the world.

-73-

LB, W4RNL

Date: Wed, 20 Jan 1999 11:36:24 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <weinfurt@oak.cats.ohiou.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30308] Re: Software...event recorder?

Message-ID: <004e01be4493\$04f06fe0\$8801010a@mikey>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

A lot of the 'data acquisition' boards come with software to do this. Or it's actually incredibly easy to write your own.

In fact, magazines like Circuit Cellar Ink and Electronics Now have articles all the time on doing things like this with the parallel port.

First off, how is your interface done to the instrument? If it's serial, then it's just a matter of opening a comm port and reading the info. If it's 'custom', then it depends on what your doing.

I've used stuff like a MetraByte board to do this. In fact, I still have a little 16 channel 12bit A/D board from Data Translation that I used to use to plot battery charge and discharge graphs.

Another source of cheap interface boards is Real Time Devices. And there are others as well.

If you buy a board, be careful, you don't want to toast it. But if you're a hacker, you can build one really cheap. 2600 magazine once ran an article on putting a TI ADC0808 (8 channel 8-bit A/D chip) on the parallel port. With just a minor change you could make a real simple interface with 8 channels of analog input (but remember the 0808 chip is 0-5 volt only, so you may have to scale and buffer) and say an 8255 to give you 24 bits of input/output control.

Also, if you do it on an LPT port, it would also be usable on a laptop...

Mike Yetzko
N1DVJ

-----Original Message-----

From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Wednesday, January 20, 1999 11:25 AM

Subject: Software...event recorder?

>Gang,
> Forgive this question as it is not realllllly QRP related...
>
> I'm looking for a software package that would allow my PC (or Mac)
>to become an "event recorder." That is, it would be able to sample wind
>speed and direction via sensors connected to the serial port and plot it
>out on a minute by minute basis. That way you can get an idea of your areas
>windspeed and direction over the period of a day, week, month, etc.
>
> This would be pretty nice to have because you could also use it to
>detect voltage fluctuations on AC lines, power supplies, anything that is
>intermittent and hard to track down. (With the right interfaces of course!)
>
>Thanks for your help and leniency...
>
>Greg
>NS80
>

Date: Wed, 20 Jan 1999 09:57:32 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: ehare@arrl.org
Cc: qrp-1@Lehigh.EDU
Subject: [30309] Re: RFI wireless modems
Message-ID: <19990120.095733.-4092135.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a question on these things.....

If they are used for wireless phone use or wireless modems, doesn't that require them to be full-duplex? If so, then there would be two (2) frequencies in use at all times, much the same way cordless phones work.

If this is true, what are the frequency pairs of use, and do both frequencies fall in the ham band allocations?

TIA for any additional info.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 09:05:21 -0800
From: Lee Hopper <leehop@uswest.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [30310] Re: WARC Bands -
Message-ID: <36A60CD1.AF41C40E@pop.ptld.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got a lot of very good responses to my question on WARC bands.

Just want to share this one w/ the list:

=====

- > Back in the late 70 or early 80's there was a decision to give the amateurs some new frequencies.
- > In the US we did not get them for quite a while but the new frequencies were given the name,
- > "WARC" frequencies. If memory serves me correctly it stood for World Amateur Radio
- > Conference. I remember we got 10 mhz first. I was at work the day, when with no warning it was
- > announced that as of noon that day it was ok to get on 10mhz. Everybody went nuts trying to get
- > on the air as fast as they could. As soon as I got home I made a quarter wave sloper to hang off
- > the side of my tower. I climbed the tower in the dark and got it up and got on the air. It was like
- > everybodys first night on the air. Everyone you talked to was so excited they couldn't stand it. The
- > first thing every one wanted to know was "What kind of antenna did you make." I talked to a guy
- > that was a captain for a "Great Lakes passenger liner". He was in port in his cabin and he had
- > made a dipole and hung it between the stacks on his liner. It was raining hard and he sat in his
- > cabin working folks. 10mhz has never been that busy since. It was one of my best days ever on
- > Ham Radio.

=====

73--

Lee Hopper, KD7CTF }{}{}{
Portland, OR, USA (0)(0)

~~

Date: Wed, 20 Jan 1999 12:07:00 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [30311] TEST
Message-ID: <fe889339.36a60d34@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Reading postings but mine are not getting through
Bob
WA2HOQ <tm>

Date: Wed, 20 Jan 1999 10:11:00 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-l@lehigh.edu
Subject: [30312] Re: TCI wireless modems
Message-ID: <19990120.101429.-4092135.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok, I just went and looked at the excellent info Ed Hare has put up on the ARRL's web site. Looks like the "other" component of the full-duplex operation is on 8.27MHz. So I answered my own question..... duh!

It might be worthwhile to note this *other* freq., to verify the spurious signal hunting when you are checking these things out. I just had not seen 8.27 MHz mentioned in any of these discussions so far.

For more info, please go to:

<http://www.arrl.org/tis/info/rfiteljx.html>

and check out the details.

Tnx to Allan, Ed, and all the others who are helping eliminate this interference.

Maybe I can finally get rid of some of that noise on 80m now.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 10:10:18 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: David Shalita <af389@lafn.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30313] Re: SPICE model -Transmission line transformer
Message-ID: <Pine.BSI.3.96.990120100828.3191A-1000000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

David,

In MicroSIM PSpice, I simply use the k_linear function to couple inductors together as a transformer (A TLT is roughly this), to which I can add a non-linear model for the core material and adjust the coupling for less than unity. Works pretty well.

On Wed, 20 Jan 1999, David Shalita wrote:

> Hi,
> I want to try a SPICE run on a 2N5109 or similar broadband amp,
> using both Conventional and Transmission Line Transformer
> as collector loads and interstage coupling.
> Frequency range will be 1 to 50 mhz range.
>
> Does anyone have a SPICE model for a Transmission Line Transformer?
> A 4:1 transformer is used in so many QRP designs.
> Example, 10 turns #28 awg bifilar wound on FT37-43 core.
>
> I think my SPICE model for a conventional transformer design needs
> parasitics added to be more useful at higher frequencies.
> Or, is Model OK as is for 50 mhz and harmonics?
> See next few lines.
>

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

```
> I want to thank all those who made offers of help on locating a Radiotron
> Designer's Handbook. Think the quest is now fulfilled.
>
> I tend to place the Radiotron in roughly the same category as Terman's
> Radio Engineers' Handbook as a valuable resource. With current
> compendiums of electronics using so much space on the latest
```

> sophistications of basic concepts, much of the fundamental material has
> been omitted and needs a helpful foundation from Terman and from
> Langford-Smith (editor of Radiotron). {Side note: even Gary Breed is
> concerned that in the UHF/microwave wireless field, some older and still
> very useful fundamentals may become lost in the flow of the very latest
> developments and will devote space in his journal (Applied Microwave &
> Wireless) to seeing that this does not happen.}
>

```

      /-----\
     /  What's all this  \
    / extinct stuff, anyhow? \
   /-----\
  /
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     \  .  .  .
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       \  ( )  \
        \  '-| )__| :.  \
         \  | | | | | \  '
          \  c__; c__;  '-.. '> .__

```

Circuit Design for the RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Wed, 20 Jan 1999 12:31:40 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [30315] callsign and change?
Message-ID: <3.0.5.32.19990120123140.00801600@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

well I like my current call n3byy, but I heard a call and thus far haven't determined if anyone holds it, but then I can't recall the exact call. In any case that is here nor there. I think k3ssk or better yet k4ssk are really neat calls for cw. I check qrz and found no one with those calls. Now ok, I probably wouldn't take k4 just because its not the call district where I live, but hmmmmm, maybe k3ssk might be a call to put in for.

Hmmmm, it has such a neat ring. Maybe if I upgrade to advanced. Well so does anyone know if there is a k3ssk or ever was?

tnx es 72/73 de Scott/n3byy
Laurel MD

ps yes it would sound great at Qrp. see I can keep it on topic.<g>

Date: Wed, 20 Jan 1999 09:42:34 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [30316] Elmer Ed (WE6W)
Message-ID: <19990120.094312.-457931.1.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I appreciate your posts. They are a big help to me. Keep up the good work.

dave ab5pc morro bay, ca

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 09:27:30 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30317] Multiband vertical idea -- thoughts?
Message-ID: <36A61202.4EB7A1D4@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've been wanting a visually-simple rooftop vertical for 80/40/30 meters, and I've considered various commercial options; but they're all either expensive, ugly (from the neighbors' point of view), or promise poor performance. Next, I thought about building a simple 40' whip with a relay-switched tuning box at the base. This would probably work, but would require some expensive components for high power (sometimes I sin), plus a method of operating the relays, etc. being lazy, I came up with a simpler idea:

How about a 40' whip, fed with ladder line through a reverse-connected W2DU-type balun (this is the balun made by slipping ferrite cores over a short piece of coax)? For a ground system, I would use 2 shortened radials on each band, each pair resonated by a short length of ladder line.

The system could be matched in the shack with my Johnson Matchbox. This gives me an efficient antenna with no visible traps, stubs, etc., and no tuning devices on the roof. The W2DU balun is probably the only type that would work in this high-swr application.

Am I nuts (please, no one-word answers)?

73,
Vic, K2VCO
Fresno CA

Date: Wed, 20 Jan 1999 12:42:10 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [30318] thank you
Message-ID: <6f240ad6.36a61572@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks VIC and MARY.
About the only thing that made it was the test message
Bob
WA2HOQ:rp <tm>

Date: Wed, 20 Jan 1999 11:46:00 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU
Subject: [30319] Ive got milliwatt fever - BAD
Message-ID: <36A61658.1752@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK, nothing doing this morning across the pond east. But caught K12A/7 CQ'ing on 28.020MHz at 17:18Z, called him with 30mW and got a 559! So I ask if I can lower my power - YEP! We make it all the way down to the

lowest measurment I felt I could make on my Oak Hills WM-2 1
milliwatt! Still he sends me a 229!

He was "near Seattle" so thats 1681 miles / .001w = 1,681,000 miles per
watt. No record, but its gunna be a good day here... Again, my antenna
is a home made 10/15M quad at 70', and QRP+ is the rig.

Thanks Jon KL2A/7 - I told him I'd look for him when he was at his home
QTH, and he sent a hi hi - Dont laugh Jon, QRPpp rules!! :)

72/3's de Jim KJ5TF ARQRP #2

Date: Wed, 20 Jan 1999 10:48:20 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: ac5ez@webtv.net (Larry B), qrp-l@lehigh.edu
Subject: [30320] Re: y1K
Message-ID: <199901201747.KAA08053@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

>>It is a little known fact that the yk1 problem caused the dark ages.<<

Fortunately we can avoid another Dark Ages because Microsoft has found the
problem to the Y2K problem! I hear that Bill Gates was losing a lot of sleep
over it because he takes his responsibility as demi-god very seriously. The
solution came to him in dream a few nights ago. Microsoft is just now
finalizing negotiations with the US government for outright purchase of the
NIST clocks. Once they own the clocks, they own the calendar, and the year
2000 will not be released until 3rd quarter 2001. Unless of course they run
into an unfavorable verdict in the anti-trust suit, in which case they will
release Y2K early.

I see in the paper this morning they are claiming they couldn't have bundled a
browser with Windows because Explorer isn't a browser. It's part of the
operating system. Now if we could just get them to admit that Windows is not
an operating system....

Ya gotta laugh.

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Wed, 20 Jan 1999 18:11:54 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, rwc@frii.com
Subject: [30321] Re: Foreign Callsign Services
Message-ID: <E10324E-00019W-00@pa.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

A very good one is
<http://www.qsl.net/swlham/call.htm>
Not all areas are there though.
Frank G3YCC
email: g3ycc@g3ycc.prestel.co.uk
QRP Web Site: <http://www.homeusers.prestel.co.uk/g3ycc/index.html>

Date: Wed, 20 Jan 1999 13:18:28 EST
From: Ed Loranger <we6w@juno.com>
To: qrp-l@lehigh.edu
Subject: [30322] Perpetual Borrowed Book -- Status?
Message-ID: <19990120.101244.4903.4.we6w@juno.com>

Good Day friends.

I have waited 16 months and still haven't received
the QRP Classics book. Is this book still being passed
from one to the other? I know there was a list
and I got on it but now I'm thinking the ball is dropped.

Sorry for the long memory.

72, Ed WE6W, AR Millennium QSO's=146/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA
QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 13:18:28 EST
From: Ed Loranger <we6w@juno.com>
To: boice@bigfoot.com
Cc: qrp-1@lehigh.edu
Subject: [30323] Re: Kester solder types
Message-ID: <19990120.101244.4903.5.we6w@juno.com>

Mike, you are already doing it right. In fact, flux
can be left on the PC boards. It traps in all impurities
and there are more problems resulting from
cleaning fluxes than not.

Unless you have a commercial operation, leave that flux
on the boards. And if you must remove some of the flux,
just chip it off with an exacto knife.

My favorite is Ersin Multi-core in the "44" and 63/37
formula. RMA in the P2, p3, and P4 are all good too.
The RMA P1 is especially tight with the flux and P4 is
a heavy flux ratio.

GL. -Ed

-Ed

72, Ed WE6W, AR Millennium QSO's=146/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA
QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 13:28:51 EST
From: CQCL@aol.com
To: wa4dou@usa.net, owner-qrp-1@Lehigh.EDU, qrp-1@Lehigh.EDU
Subject: [30324] Re: Gentleman's agreements... AND QRP
Message-ID: <f7a1a751.36a62063@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

In a message dated 1/19/99 18:20:10, wa4dou@usa.net wrote:

<<I keep seeing this BS about "gentlemen's Agreements". For once and for all -- the only actual rules and regulations governing band planning are those made by the governing body in your country! The FCC in the United States provides a list of what and where we can operate. The Canadian telecom commision (sorry, don't know the right name) says what Canadians can do. If you choose not to believe what they say it's your ticket!

Gentlemen's agreements are set up by amateurs for amateurs. They can and cannot be followed as each amatreur dictates. There are no penalties associated with not following them if they aren't cast in law.

>>

Bruce:

You are right about the legal end of it, but without some gentlemen's agreements it could and would be chaos. You don't find too many CW QSOs in the SSB portion of the band. Legal, yes, but by gentlemen's agreement we stay out.

With a number of conversations via e-mail back and forth between myself and one of the heads of the digital groups about two or three years ago, I found out that they, the digital guys, did not know anything about the international QRP calling frequencies. As a result, this gentleman, I don't remember his call now, said he would put these frequencies in the newsletter to let them know as well as an article asking them to stay clear of our calling frequencies, especially 14.060. He was the editor of the national digital newsletter. In addition, I contacted our local ARRL Vice Director as well as writing to League HQ to again ask them to publish the QRP frequencies in the annual listing showing Gentlemen's Agreements. They were asked previously but

never published the frequencies. As a result, the QRP frequencies have been published for the past 2+ years. I was amazed how many did not know we existed even though these frequencies have been used by QRPers worldwide for many years.

New hams to the digital modes as well as some oldtimers did not know about us so they kept coming down lower and lower and were often heard as low as 14.050. They don't have speakers so they had no way of hearing us when we tried to break and ask them to move back up to the digital area (gentlemen's agreement area of the band.). This is still a problem, but not nearly as bad as it was.

Please, let's not add more arrogant operators who could care less about the FCC rules and regs or Gentlemen's Agreements as well.

72,

Rich High W0HEP
CQC #1, G-QRP #8446, NorCal
QRP-L #1817, ARRL - LM
Life=92s Too Short for \$800 Finals

Date: Wed, 20 Jan 1999 13:32:10 EST
From: charles k brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [30325] Bearing and Distance/BD.EXE
Message-ID: <19990120.182717.4599.4.n4so@juno.com>

The following is a saved text file forwarded to qrp-l.
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
Date: Wed, 20 Jan 1999 10:09:36 -0500
Subject: Ref: Bearing and Distance software BD.EXE

Ken and the group,

Just as a point of note, the ARRL FSD BBS was recently shut down due to a lack of callers. However, those who have FTP or web access can still get the file from the Oakland mirror site:

ftp oak.oakland.edu /pub/hamradio/arrl/bbs/programs

<http://oak.oakland.edu/pub/hamradio/arrl/bbs/programs/bd.exe>

If you only have email, I can send you a copy as an attachement or as a UUencoded message, according to what your email system accepts.

72, Michael Tracy, KC1SX

NNNN

point.txt

Ken

N4S0@juno.com

Mobile, AL

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 09:35:02 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: kj5tf@madisoncounty.net, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>, Del Seay KL7HF
<DELJAN@worldnet.att.net>
Subject: [30326] Re: Ive got milliwatt fever - BAD
Message-ID: <36A621D6.A40E3F20@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim,

Your posts are going to make great fodder for my QRP talk in April to the Anchorage Amateur Radio Club. Especially your QSO with Chris here in Anchorage. I may even slip some of your posts into my articles I am writing every month for the newsletter.

Thanks!!

Jim, AL7FS

Jim wrote:

>

> OK, nothing doing this morning across the pond east. But caught KL2A/7
> CQ'ing on 28.020MHz at 17:18Z, called him with 30mW and got a 559! So
> I ask if I can lower my power - YEP! We make it all the way down to the
> lowest measurment I felt I could make on my Oak Hills WM-2 1
> milliwatt! Still he sends me a 229!
>
> He was "near Seattle" so thats 1681 miles / .001w = 1,681,000 miles per
> watt. No record, but its gunna be a good day here... Again, my antenna
> is a home made 10/15M quad at 70', and QRP+ is the rig.
>
> Thanks Jon KL2A/7 - I told him I'd look for him when he was at his home
> QTH, and he sent a hi hi - Dont laugh Jon, QRPpp rules!! :)
>
> 72/3's de Jim KJ5TF ARQRP #2

--

73, Jim Larsen, AL7FS -- Anchorage, Alaska
QRP-L #114, QRP-Z #020, AK QRP #003, NW QRP #009
(BP51cc)@61.1009636 North 149.8237915 West(approximately)
mailto:al7fs@qsl.net ICQ 11022915 <http://www.mirabilis.com/>

Date: Wed, 20 Jan 1999 13:42:34 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [30327] Getting more input
Message-ID: <ceeaefe1.36a6239a@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all for the input on the mail getting through.
I just sent another letter to qrp-l.
Please let me know if you see it.
Thank You
Bob
WA2HOQrp <tm>

Date: Wed, 20 Jan 1999 11:54:20 -0700
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-l@lehigh.edu
Subject: [30328] Re: Perpetual Borrowed Book -- Status?
Message-ID: <36A6265C.CF909A47@codenet.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

>
> Good Day friends.
>
> I have waited 16 months and still haven't received
> the QRP Classics book. Is this book still being passed
> from one to the other? I know there was a list
> and I got on it but now I'm thinking the ball is dropped.

Ed,

Yes, I think the ball was dropped. I think it may have been either Zack Lau (who was in the hospital for a bit) or Ed Hare who stepped up to the plate. I know I had thrown out the idea to the list and someone did a take on it, but I never received the loaner.

Sorry, I know this is not what we all would like to hear.

72 - john

John A. Evans, N0HJ Chief Systems Administrator
Office: (719) 528-1800 x164 Titan Software Systems
Fax: (719) 528-1888 1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Wed, 20 Jan 1999 12:28:49 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-l'" <qrp-l@lehigh.edu>
Subject: [30329] What a night
Message-ID: <01BE4470.70644D00.bmug@gwl.com>

Last night (Tuesday Local) my XYL took my two youngest to a party at the roller rink. That left me home (almost alone) and gave me a chance to play radio.

With my quick mind I realized that there should be a FOX out there so about 0150Z I turned on my OHR Explorer II (boy do I love this radio). I started turning the tune dial with my left hand and looked for the fox schedule on my desk with my right (I use a scientific method of filing - I use a geological

method - the older things are the deeper they are). Before I found the schedule I heard the unmistakable sound of a hunt.

I changed my attention from the desk top to the radio. Just then the phone rang and I had to take the call. About 5 minutes later (just after 0200Z) I got back to my radio - I couldn't find the hounds or the fox. I searched for about 20 minutes and decided I missed the hunt, again (Please don't anyone tell me it was still going on and I didn't work hard enough - I get told enough of that at work).

Anyway, I changed rigs to my DX-70TH - nice rig, a little noisy but it does give me more band width and more bands to play with. Looking for some one to talk to I heard a voice at 7056 - being frustrated from being skunked by the fox I pushed the SSB button to hear better - some guy calling CQ listening up on 7176. OK I thought - this must be the split thingy I'd read about. So, for fun I opened up the manual and learned how to run split - got the mic plugged in and called him back at 5 watts (the DX-70TH has a high low switch - high is 100W and low is 10W BUT with an internal switch you can change that to be 50W and 5W). Well at 5W into my horizontal delta loop he didn't hear me. He made another exchange and called for people again and again. Then it happened - I swear, I accidentally hit the High/Low switch and jumped up to 50W's (really officer I didn't know I was speeding). Anyway he came back to me - His name is Gerard and he was working in Bogota Colombia (call HK3/G0SHN).

This was NEAT - my first DX of any kind and only one of a hand full of Voice contacts. Now my problem. He said to QSL via F6AJA - I don't have the foggiest Idea how to do this. I am a member of ARRL (if that helps). But what do I do?

I'm fully repentant of my QRO trip - honest it was an accident!!! And to make up for it I had a second QSO that night with Jim KB2JWD/QRP he was running an SST and I was just under 5 watts. This really made my night as I needed a 2X QRP to North Carolina and Jim needed Colorado.

Thanks for any help you can give on this,

de KI00T, Brad

Date: Wed, 20 Jan 1999 14:34:14 EST
From: Robspark@aol.com
To: qrp-1@lehigh.edu
Subject: [30330] AR-QRP 40 m Net tonight
Message-ID: <9fe9d65d.36a62fb6@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

The AR-QRP 40 m net is tonight, Wednesday, at 0130Z at 7.042 MHz. Bob, AB5ZD is NCS and will be calling QST AR QRP NET de AB5ZD PSE QNI. At that time, please send your full call, and when I hear you, I will return your call and AS (stand by) while more call in. Mobile stations go to the top of the list. When I have the list, I will start at the top and go down the list for reports and comments. If you are trying a new rig or antenna, tell us about it! Please try to keep it short, though, especially if we have a long list! This is a lot of fun, and you don't need to be a member to check in.

72,

Bob AB5ZD

Date: Wed, 20 Jan 1999 14:36:18 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: QRP-L@LEHIGH.EDU
Subject: [30331] CALLSIGN CHANGE? NAAAAA
Message-ID: <3.0.5.32.19990120143618.0080e320@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

WELL, AFTER RECEIVING MESSAGES ABOUT NOT HAVING CALLS ENDING IN k, i HAVE DECIDED THAT FIRST i'D NEVER GIVE UP N3BYY BECAUSE IF FOR NO OTHER REASON, NO ONE HAS EVER HELD THAT CALL TO THE BEST OF MY KNOWLEDGE.

aLSO, IMHO, K4SSK IS STILL A NEAT CALL AND i ASK THAT AS YOU SIT TO OPERATE, TAKE A SECOND TO (OFF AIR) SEND K4SSK AT AS FAST AS YOU CAN SEND. YOU'LL SEE WHY i THINK ITS A NEAT CALL.

oK, SO i'M NOT WRAPPED SO TIGHT, BUT i WON'T TELL IF YOU WON'T.

SO GUESS LETS NOT GET ANY THREADS GOING ON WHAT CALLS ARE BEST FOR CONTESTS AND ALL TAHT. i JUST DECIDED TO SPEAK MY THOUGHTS OUT LOUD.<G>

72/73 DE sCOTT/N3BYY
fISTS #5030 qRP-L #1689
1AUREL md

Date: Wed, 20 Jan 1999 14:39:31 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu

Subject: [30332] caps lock
Message-ID: <3.0.5.32.19990120143931.00811790@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ok, just so I don't get E-mails telling me my caps lock is on. I now figured how this happens from time to time. Wehn I open the desk drawer, it hits the keyboard because I don't move it far enough out of the way and so the caps lock key gets turn on along with lots of ` and other letters over that'a way showing up in my documents. Sorry folks not yelling.

72 de Scott/n3byy

Date: Wed, 20 Jan 1999 12:38:35 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'Steve Sorrell'" <ap036@detroit.freenet.org>, "bmug@gwl.com" <bmug@gwl.com>, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [30333] RE: An idiots life
Message-ID: <01BE4471.CCBA30A0.bmug@gwl.com>

NO, NO, NO - the wife and kids didn't come before the NorCal 20 Kit - I was getting a power supply so I wouldn't miss the next solar cycle - I just knew that if I didn't have a power supply it would be the shortest (and best) cycle ever and I would miss it.

What can I say, my mind snapped.

de KI00T, Brad

-----Original Message-----
From: Steve Sorrell [SMTP:ap036@detroit.freenet.org]
Sent: Tuesday, January 19, 1999 6:19 PM
To: bmug@gwl.com; Low Power Amateur Radio Discussion
Subject: Re: An idiots life

Mebbe you ought to get your priorities straight! I mean your wife and kids actually come before a NorCal 20 kit? Geesshhhh!, what is ham radio coming to! I can't be bothered asking my wife (can't remember her name right now) if its OK to buy a kit. She doesn't ask me if its OK to buy food. Let it go to someone deserving. ;-)
de Steve, W8SFF

Date: Wed, 20 Jan 1999 15:02:39 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-1@lehigh.edu
Subject: [30334] Re: TCI wireless modems
Message-ID: <36A6365F.213A@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gary L Surrency wrote:

> Ok, I just went and looked at the excellent info Ed Hare has put up on
> the ARRL's web site. Looks like the "other" component of the full-duplex
> operation is on 8.27MHz. So I answered my own question..... duh!

> It might be worthwhile to note this *other* freq., to verify the spurious
> signal hunting when you are checking these things out. I just had not
> seen 8.27 MHz mentioned in any of these discussions so far.

Well, sorta'. The 8.27 MHz signal is ONLY present when the modem is in
actual use. (I will have to clarify that on the Web page, if it isn't
already. :-). The 3.53 MHz carrier is on all the time. BTW, the new
3.3 MHz units only have RF present when they are in actual use, on both
carrier frequencies.

73,
Ed, W1RFI

> For more info, please go to:

> <http://www.arrl.org/tis/info/rfiteljx.html>
>
> and check out the details.

Date: Wed, 20 Jan 1999 13:03:11 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30335] HW contest times?
Message-ID: <36A6367F.3237@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello gang!

What time does the HW test end? Bill said that it starts at 0600..WOW..too early for me..probably just getting off of work then!

My Hot Water and I are ready to contest!!

72, Tom WB5QYT

Date: Wed, 20 Jan 1999 12:12:38 -0800 (PST)
From: David J Adams <adamsclan@netgate.net>
To: qrp-l@lehigh.edu
Subject: [30336] [PCB] For Sale
Message-ID: <199901202012.MAA25059@u1.netgate.net>

My wife was kind enough to buy me a 5-speed drill press (the 36" variety...I still live in an apartment) with a 4" table vise this weekend, so I no longer need my dremel drill press adapter to drill out circuit boards. If anyone has a dremel/ryobi/wizard multi-too and would like the adapter it is yours for \$17.95 or trade for something interesting...

73 de dave, n9uxu

Date: Wed, 20 Jan 1999 13:12:11 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30337] 10m cw xmtr
Message-ID: <36A6389B.2D3A@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

GRP Gang!

Just ordered the board for the "Quickie Cheapie Tener" from Far Circuits. An easy way to get about a watt out on ten meters! For about 6.75 bux you get the board and the article on the project from Far> see the NORCAL page. Cost of parts is going to be about 5 bux. So, grand total will be about 12 bux.

I'm thinking I can use the "Son of Fireball" xtal in this circuit.

Still on 28.060 daily as I truck to work...1:50mst till 2:25mst.

72, Tom WB5QYT/qrpm in New Mexico

Date: Wed, 20 Jan 1999 15:20:49 EST
From: RangerSF5@aol.com
To: qrp-L@lehigh.edu
Subject: [30338] Thanks for the input
Message-ID: <8ffa6f6a.36a63aa1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,I been here to long and need to get away for a while.
If anyone wants the updated Y2K clock with sound,*E* mail me.
I have it on a disk.
Thanks to Peter Simpson for all his time he invested in my qrm Problem.
All qrp rigs(MFJ)are sold or traded.
Nor Cal 40-A w/ten turn pot.(still have it)
And the ARK4,I still have
Many MFJ owners have mailed me about the MFJ news Letter.
I have nothing to do with that.
I do NOT work for MFJ and not a part of the MFJ tech staff.
Sure makes me feel important though.HI HI
Also thank to all who supported me in regards to the MFJ CW rig.
It just needs some TLC.
I'm backed up and have two more kits and then it's back to the outdoors.
Please look over my site at<<http://www.angelfire.com/nj/IamSF5/index.html>>
It's case sensitive.72/73
Bob
WA2HQrp <tm>

Date: Wed, 20 Jan 1999 15:37:24 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [30339] Re: Movin' the FB40 (more)
Message-ID: <199901202023.PAA26015@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

Howdy gang,

To add to what Joe talked about, I found grinding off the lip around the bottom of the oscillator can to be the most effective way of opening it. I used one of the cone shaped grinding wheels in the Dremel. If at all possible, clamp the can the best you can in a vice.

I also tried shifting the frequency by rubbing pencil lead, solder and real lead over the plated area of the xtal. A very soft pencil lead is probably the best. If you get too carried away, the xtal will stop working. Sometimes you can carefully erase some of the lead and make it work again, sometimes it's history.

If you shift the frequency down by about 800 hz on 40 M, (3200 Hz at 28 Mhz) you could use that one as the LO of a DC Rx and have the proper Tx-Rx shift. If you want to get really fancy, you can wire up a mulitplex chip for electronic switching of the signals.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 20 Jan 1999 15:23:20 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-l@lehigh.edu
Subject: [30340] Re: Propagation charts {1 watt MUF probabilities}
Message-ID: <36A63B38.1395@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My FAVORITE propagation charts are the ones I customize using the ICEPAK and ICEAREA windows versions of IONCAP. These programs are easy to use and give graphical representations of either propagation from your QTH to a specific QTH vs frequency vs time (ICEPAK) or from your QTH to a world map for a specific frequency and time.

The really neat thing about these is that they ARE FREE. Download the HFWIN stuff from <http://elbert.its.bldrdoc.gov/hf.html>.

73,

Ed, W1RFI

ARRL Lab

jaywa5whn@juno.com wrote:

> Every few weeks, I point my browser to this site. I find these MUF charts
> very useful, since they are plotted for

> 2 power levels {1 watt & 1500 watts}.

> In less than a few weeks, FYBO 1999 will be operational. I am not a solar
> prognosticator. I will leave that job
> to the professionals, NA5N & AB7OA. I have been looking at the 1 watt
> charts for FYBO 1999. WOW! Pack those 10/15/20 meters
> qrp rigs. According to the charts, it looks like we can work most the
> G-QRP Crew & all of Asia & South America from DM54.

> <http://www.concentric.net/~jerrhall/gotocharts.shtml>

> For FYBO 1999 information, view the following url;

> <http://www.extremezone.com/~ki7mn/>

> click on QRP Contests, {Feb. 6}.

Date: Wed, 20 Jan 1999 12:26:09 -0800

From: "Radman" <radman@best.com>

To: <whowell@hq.nasa.gov>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [30341] Re: CALLSIGN CHANGE? NAAAAA

Message-ID: <199901202022.MAA25721@proxy4.ba.best.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Scott wrote:

>>WELL, AFTER RECEIVING MESSAGES ABOUT NOT HAVING CALLS
ENDING IN k, <<

Scott, while K4SSK has great *rhythm* -- no argument about
that -- IMHO, it would be a procedural nightmare under
nasty band conditions. Not only do you have "K," you also
have "SK" when the going gets tough ! I think you'll be

asked for a *lot* of repeats if you go down that path :-)
Keep thinking "rhythm" AND what makes it thru under the
worst of band condx _with_ minimum repeats :-) I'm sure no
one is critical of your personal taste in vanity calls,
it's just that some of us have "owned" a few calls that
didn't work.

GL in your search -- you'll find it :-)

vry 72 - Conrad Weiss - NN6CW

Date: Wed, 20 Jan 1999 15:39:34 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-1@lehigh.edu
Subject: [30342] RS meter on sale
Message-ID: <v03102807b2cbd9f5993d@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just picked up one of the RS digital meters with the PC interface. The
model number is 22-168 and the sale price is \$89.97 down from \$129.99. My
local RS has a ham working there who told me this is a closeout.

It does hFE of small bipolar transistors, 200pF to 200uF caps, 20KHz to
20MHz freq counter, 200uA - 20A DC and AC current plus all other common DMM
functions in addition to the PC interface.

Thought I'd pass this along to anyone interested in a versatile DMM.

Rick kf4ar

Standard disclaimers apply.

Date: Wed, 20 Jan 1999 16:02:03 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: "Radman" <radman@best.com>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [30343] Re: CALLSIGN CHANGE? NAAAAA
Message-ID: <3.0.5.32.19990120160203.0081d360@mail.hq.nasa.gov>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

well I think n3byy is musical enough for me<g>. So, consider it a neat idea.
Just to be nasty, and if I really wanted another call, I'd get something
really ugly like
ae5sss, ssh, sss, or finally sis his ses
etc. ok, enough from me. I'll crawl back into my hole.

72/73 de Scott/n3byy

At 12:26 PM 01/20/1999 -0800, Radman wrote:

>
>*****>
>Scott, while K4SSK has great *rhythm* -- no argument about
>that -- IMHO, it would be a procedural nightmare under
>nasty band conditions. Not only do you have "K," you also
>have "SK" when the going gets tough ! I think you'll be
>asked for a *lot* of repeats if you go down that path :-)
>Keep thinking "rhythm" AND what makes it thru under the
>worst of band condx _with_ minimum repeats :-) I'm sure no
>one is critical of your personal taste in vanity calls,
>it's just that some of us have "owned" a few calls that
>didn't work.
>
>GL in your search -- you'll find it :-)
>
>vry 72 - Conrad Weiss - NN6CW
>
>
>
>
>

Date: Wed, 20 Jan 1999 15:22:15 -0600
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <rakefet@rakefet.com>, "'Low Power Amateur Radio Discussion'" <qrpl@Lehigh.EDU>
Subject: [30344] RE: Multiband vertical idea -- thoughts?
Message-ID: <000601be44ba\$f48427a0\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I made a 40-meter full size (1/4) out of 1" copper pipe. The same used for water. It cost me about \$50 to build. OK, I cheated, I had the ground radial wire already. It buried 16 (count 'em) 16 radials and have excellent reports. I feed it with RG-8 and no matching network. The mount is pretty simple. It uses a glass cola bottle (remember those?) with the pipe sitting on top of it for insulation. I put a 1" to 1-1/2" adapter at the bottom so that it would fit on the bottle. It is guyed in two places (1/3 way and 2/3 way). I have a matching network at the bottom with a remote switch for 80 meters. I got an idea from an article in QST some years ago. To tune for different sections of 80/75 I use an electric screw-driver to tune a variable capacitor from inside the shack. It's an old Black-and-Decker with the switch removed and wired back into the shack. I use it on 80 and 30-meters with an tuner in the shack.

Kevin, WB5RUE

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Vic Rosenthal

> Sent: Wednesday, January 20, 1999 11:28 AM

> To: Low Power Amateur Radio Discussion

> Subject: Multiband vertical idea -- thoughts?

>

>

> I've been wanting a visually-simple rooftop vertical for

> 80/40/30 meters, and

> I've considered various commercial options; but they're all

> either expensive,

> ugly (from the neighbors' point of view), or promise poor

> performance. Next, I

> thought about building a simple 40' whip with a

> relay-switched tuning box at the

> base. This would probably work, but would require some

> expensive components for

> high power (sometimes I sin), plus a method of operating the

> relays, etc. being

> lazy, I came up with a simpler idea:

>

> How about a 40' whip, fed with ladder line through a

> reverse-connected W2DU-type

> balun (this is the balun made by slipping ferrite cores over

> a short piece of

> coax)? For a ground system, I would use 2 shortened radials

> on each band, each

> pair resonated by a short length of ladder line.

>
> The system could be matched in the shack with my Johnson
> Matchbox. This gives
> me an efficient antenna with no visible traps, stubs, etc.,
> and no tuning
> devices on the roof. The W2DU balun is probably the only
> type that would work
> in this high-swr application.
>
> Am I nuts (please, no one-word answers)?
>
> 73,
> Vic, K2VCO
> Fresno CA
>

Date: Wed, 20 Jan 1999 16:26:07 -0500
From: "David Burniston" <davidgb@nortelnetworks.com>
To: qrp-1@Lehigh.EDU
Subject: [30345] Centennial 80 SSB kit
Message-ID: <915C65C50371D11187AD0000F881B9A4025B5862@bcarua62.ca.nortel.com>
MIME-Version: 1.0
Content-Type: text/plain

> Hi,
>
I've been away from the list for a year or so, but now I'm back...

> Anyone have any information or experience with the 80 Meter Centennial SSB
> kit sold by Dan's Small Parts? I haven't seen an article anywhere on this.
>
> Thanks,
>
> ...Dave
> VE3LFO
>
> Dave Burniston
> Hardware Maintenance - Logistics
> Ottawa Regional Services
> <http://47.127.82.44/ORS/>
> Nortel Networks
>
> EMail: davidgb@nortelnetworks.com
> TEL (613) 765-3579 (ESN 395)
> Fax (613) 763-7697

>
>

Date: Wed, 20 Jan 1999 16:30:42 -0500
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-1@lehigh.edu
Subject: [30346] Re: Perpetual Borrowed Book -- Status?
Message-ID: <36A64B02.716A@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

> Good Day friends.

> I have waited 16 months and still haven't received
> the QRP Classics book. Is this book still being passed
> from one to the other? I know there was a list
> and I got on it but now I'm thinking the ball is dropped.

> Sorry for the long memory.

And Ed Hare sheepishly chimes in... My apologies to all. Apparently I have a short memory. I collected three copies of the book, collected the list then got sidetracked and this one dropped off a cliff.

I will pick up on this immediately and get the copies flowing.

Does it help that I just saved 80 meters from wireless modem jacks? :-)

73,
Ed, W1RFI

Date: Wed, 20 Jan 1999 16:45:53 -0500
From: "Buck, Preston D" <BuckPD@corning.com>
To: "'qrp-1'" <qrp-1@Lehigh.EDU>
Subject: [30347] For Trade: Solid State Design (2nd edition)
Message-ID: <62C28BE46356D2118F5D0000F8CD13F172445A@SILVER.CORNING.COM>
Content-Return: allowed
Mime-Version: 1.0
Content-Type: text/plain

Greetings All,

I have an extra copy of "Solid State Design for the Radio Amateur" by Haywood and Demaw. It is the 2nd edition. I think the latest edition is the 3rd but I'm not completely sure. The condition of the book is good. I don't think I wrote in it but will check again and will inform the interested parties via private e-mail. The cover and spine are like new.

I would like to trade for "Practical Wire Antennas" by the RSGB in whatever edition you have. Failing that some other antenna book would be nice, preferably dealing with wire antennas.

If you are interested, please respond via private email. Please wait until the weekend because I will be email-less until Saturday.

73,
Preston, n0glm, Southern NY state

Date: Wed, 20 Jan 1999 16:44:09 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: Paul Harden <pharden@aoc.nrao.edu>
Cc: QRP-L Discussion Group <QRP-L@LEHIGH.EDU>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [30348] Re: Pre-FYBO adventure NO JOY!
Message-ID: <199901201646_MC2-674E-E3DC@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Paul:

Good luck in FYBO. Actually we have been having a "heat wave" here. Sometimes we have waved Bye-Bye to it <VBG> but right now it is in the 20's which is not bad here. Hoping we have a low enough temp for the multiplier during FYBO. Looks like I will be operating single this year. Last year was with the legendary MN/QRP gang.

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Wed, 20 Jan 1999 15:20:08 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [30349] QRP++ AND SSTV AND COMPUTER QRM
Message-ID: <19990120.171146.-198407.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

HIGH GANG

WELL i FINALLY got two more radio shack ferrite data-line filters pn 273-105c and added them to the existing ones on the computerrrrrrrrrr

ended up with two filters on the data line from the computer to the monitor ... I also put one on the line going to the key board.... I have one of the rectangular shaped filters on the input to the computer from the receiver speaker... all filters connected at the computer end...

Results.... the qrp++ went from unuseable to no interference atol... This really took care of the problem..

THANKS TO ALL WHO SUGGESTED THIS SOLUTION

PS

THE QRP++ WORKS GREAT ON SSTV, RTTY

DO WE HAVE ANY QRP TYPE PERSONS WHO WOULD LIKE TO CARRY ON IN SSTV OR RTTY ON 40 METERS OR TWENTY METERS????

suffering Joel, displaced cajun, in maine.... wa5cvm/1... the sneaux,,, the sneaux

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 20 Jan 1999 15:21:42 -0800
From: Norm Melick <henmel@worldnet.att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30350] Re: Kester solder types
Message-ID: <36A66506.75C482D6@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have been using Kester "electronic silver solder". It has 62% tin, 36% lead, and 2% silver in it. I have used it in all but one of the 30 some kits I have built, and I haven't see any problems at all. The solder joints are very bright and shiny, and very minimum residue.

So my question is, what specifically is wrong with Kester solder, and why is Ersin any better? The specs. look the same to me, at least on the surface.

No pun intended!

Norm/KQ6SD

Date: Wed, 20 Jan 1999 23:29:44 +0000
From: Patrick M Kvitkauskas <pmk@juno.com>
To: qrp-l@lehigh.edu
Subject: [30351] 1999 QRP-L Heathkit Hot Water Sprint (HHWS) ANNOUNCEMENT (DUPE)
Message-ID: <19990120.232947.3990.0.pmk@juno.com>

Looks like it's getting close.
Look at the date and times for each day as the times are different.

72 and good luck. I will do one more post and 1 each day of the contest

Patrick KD4OBQ

OK looks like January 23 and 24 will be a go as it looked quiet in the QST on the HF bands.

Hope we have a good weekend and hope to bag a few myself.
If we have a good turnout and everyone enjoys it. There might be another HHWS later in the year.

Date and times January 23 12:00z to 16:00z , January 24 16:00z to 20:00z
This ought to spread out the propagation for everyone on the upper bands.

Tried to keep the rules simple but didn't want to leave anything out.

1-1 HW rig defines any Heathkit HW series transceiver
1-2 If you have no HW series rig you still get 1 point for working a HW rig.

3-1 Power output QRP for now (under 5 watts)

```
5-1 exchange  RST , QTH , rig
5-2 example  529  FL  HW/7
5-3 example  599  FL  SIERRA
```

7-1 we all must have fun

72/73 de Patrick KD40BQ
PMK@JUNO.COM

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

End of QRP-L Digest 1342
